

**Relazione CT UNIPLAST 2017  
ALLEGATO B**

**Struttura e Work item CEN TC/WG, ISO TC/SC/WG**

**CEN/ TC 112 Wood-based panels**

Secretary: Mr Bernd Trepkau (DIN)

Chairperson: Mr Steffen Tobisch

**WORK PROGRAMME CEN/ TC 112 / WG 11 Particleboards and fibreboards**

<b>prEN 622-4 rev</b> (WI=00112212)	Fibreboards - Specifications - Part 4: Requirements for softboards
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**CEN /TC 134 Resilient, textile and laminate floor coverings**

Secretary: Mr Karin Eufinger (NBN)

Chairperson: Mr Simon Van De Vrande

**WORK PROGRAMME**

<b>EN 1307:2014+A1:2016+A2</b> (WI=00134261)	Textile floor coverings - Classification
<b>EN 1307:2014+A1:2016/prA2</b> (WI=00134250)	Textile floor coverings - Classification
<b>EN 1307:2014+A1:2016/prA3</b> (WI=00134257)	Textile floor coverings - Classification
<b>EN 14041:2018</b> (WI=00134232)	Resilient, textile, laminate and modular multilayer floor coverings - Essential characteristics
<b>EN 16511:2014/prA1</b> (WI=00134256)	Loose-laid panels - Semi-rigid multilayer modular floor covering (MMF) panels with wear resistant top layer
<b>prEN 1081</b> (WI=00134243)	Resilient floor coverings - Determination of the electrical resistance
<b>prEN 12104</b> (WI=00134251)	Resilient floor coverings - Cork floor tiles - Specification
<b>prEN 14215</b> (WI=00134252)	Textile floor coverings - Classification of machine-made rugs and runners
<b>prEN 14565 rev</b> (WI=00134260)	Resilient floor coverings - Floor coverings based upon synthetic thermoplastic polymers - Specification
<b>prEN 15398</b> (WI=00134259)	Resilient, textile and laminate floor coverings - Floor covering standard symbols - Complementary element
<b>prEN 16354</b> (WI=00134240)	Laminate floor coverings - Underlays - Specification, requirements and test methods
<b>prEN 16641</b>	Textile floor coverings - Guidelines for acceptable colour deviations

(WI=00134258)	
<b><u>prEN 17142</u></b> (WI=00134234)	Modular multilayer floor coverings - Elements with a wood powder based surface layer - Specifications, requirements and test methods
<b><u>prEN ISO 10581</u></b> (WI=00134254)	Resilient floor coverings - Homogeneous poly(vinyl chloride) floor covering - Specifications
<b><u>prEN ISO 10582</u></b> (WI=00134227)	Resilient floor coverings - Heterogeneous poly(vinyl chloride) floor covering - Specifications (ISO/DIS 10582:2016)
<b><u>prEN ISO 12951</u></b> (WI=00134253)	Textile floor coverings - Determination of mass loss, fibre bind and stair nosing appearance change using the Lisson Tretrad machine
<b><u>prEN ISO 23999</u></b> (WI=00134239)	Resilient floor coverings - Determination of dimensional stability and curling after exposure to heat (ISO/DIS 23999:2017)
<b><u>prEN ISO 24342</u></b> (WI=00134238)	Resilient and textile floor-coverings - Determination of side length, edge straightness and squareness of tiles (ISO/DIS 24342:2017)

### **CEN/TC 155 Plastics piping systems and ducting systems**

Secretary: Mr Edward Zomers (NEN)

Chairperson: Mrs Monica de la Cruz

**CEN/TC 155/WG 1** Installation outside building structures of flexible piping systems and rainwater infiltration and storage/attenuation systems

**Convenor** : Mr. Peter Verlaan

**Secretary**: Mr. Lodewijk Niemöller

#### **WORK PROGRAMME**

<b><u>FprCEN/TR 17179</u></b> (WI=00155846)	Thermoplastics piping and ducting systems - Rainwater infiltration and storage attenuation systems - Practices for underground installation
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**CEN/TC 155/WG 6** PVC piping systems for non-pressure soil and waste and solid-wall piping systems for underground drainage

**Convenor** : Mrs Sophie Skorupinski

**Secretary**: Mr Michel Divanach

#### **WORK PROGRAMME**

<b><u>EN 1329-1:2014/FprA1</u></b> (WI=00155859)	Plastics piping systems for soil and waste discharge (low and high temperature) within the building structure - Unplasticized poly(vinyl chloride) (PVC-U) - Part 1: Specifications for pipes, fittings and the systems
<b><u>FprCEN/TS 1329-2</u></b> (WI=00155845)	Plastics piping systems for soil and waste discharge (low and high temperature) within the building structure - Unplasticized poly(vinyl chloride) (PVC-U) - Part 2: Guidance for the assessment of conformity

<b><i>prEN 1401-1 rev</i></b> <i>(WI=00155830)</i>	Plastics piping systems for non-pressure underground drainage and sewerage - Unplasticized poly(vinyl chloride) (PVC-U) - Part 1: Specifications for pipes, fittings and the system
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**CEN/TC 155/WG 8** Systems for water supply and pressure drainage and sewerage - PVC-U (solid wall)

**Convenor:** Mr Urs Amacher

**WORK PROGRAMME**

<b><i>prEN 17176-1</i></b> <i>(WI=00155874)</i>	Plastics piping systems for water supply and for buried and above ground drainage, sewerage and irrigation under pressure - Oriented unplasticized poly(vinyl chloride) (PVC-O) - Part 1: General
<b><i>prEN 17176-2</i></b> <i>(WI=00155873)</i>	Plastics piping systems for water supply and for buried and above ground drainage, sewerage and irrigation under pressure - Oriented unplasticized poly(vinyl chloride) (PVC-O) - Part 2: Pipes
<b><i>prEN 17176-3</i></b> <i>(WI=00155875)</i>	Plastic piping systems for water supply and for buried and above ground drainage, sewerage and irrigation under pressure - Oriented unplasticized poly(vinyl chloride) (PVC-O) - Part 3: Fittings
<b><i>prEN 17176-5</i></b> <i>(WI=00155876)</i>	Plastic piping systems for water supply and for buried and above ground drainage, sewerage and irrigation under pressure - Oriented unplasticized poly(vinyl chloride) (PVC-O) - Part 5: Fitness for purpose of the system

**CEN/TC 155/WG 10** Systems of polyolefin material for soil & waste discharge and non-pressure drainage and sewerage

**Convenor :** Mr Jens Martin Storheil

**Secretary:** Mr Tom Erik Larsen

**WORK PROGRAMME**

<b><i>EN 1451-1:2017</i></b> <i>(WI=00155810)</i>	Plastics piping systems for soil and waste discharge (low and high temperature) within the building structure - Polypropylene (PP) - Part 1: Specifications for pipes, fittings and the system
<b><i>FprEN 1852-1</i></b> <i>(WI=00155829)</i>	Plastics piping systems for non-pressure underground drainage and sewerage - Polypropylene (PP) - Part 1: Specifications for pipes, fittings and the system
<b><i>prEN 1519-1</i></b> <i>(WI=00155864)</i>	Plastics piping systems for soil and waste discharge (low and high temperature) within the building structure - Polyethylene (PE) - Part 1: Requirements for pipes, fittings and the system

**CEN/TC 155/WG 12** Pressure systems of polyolefin material for gas supply, water supply and drainage and sewerage

**Convenor** : Mr Steve Beech

**Secretary**: Mr Edward Zomers

**CEN/TC 155/WG 13** Systems with structured-wall pipes for non-pressure drainage and sewerage - PE, PP, PVC-U

**Convenor** : Mr Peter Verlaan

**Secretary**: Mr Bernd Spykman

**WORK PROGRAMME**

<b><i>FprEN 13476-1</i></b> (WI=00155840)	Plastics piping systems for non-pressure underground drainage and sewerage - Structured-wall piping systems of unplasticized poly(vinyl chloride) (PVC-U), polypropylene (PP) and polyethylene (PE) - Part 1: General requirements and performance characteristic
<b><i>FprEN 13476-2</i></b> (WI=00155839)	Plastics piping systems for non-pressure underground drainage and sewerage - Structured-wall piping systems of unplasticized poly(vinyl chloride) (PVC-U), polypropylene (PP) and polyethylene (PE) - Part 2: Specifications for pipes and fittings with smooth internal and external surface and the system, Type A
<b><i>FprEN 13476-3</i></b> (WI=00155838)	Plastics piping systems for non-pressure underground drainage and sewerage - Structured-wall piping systems of unplasticized poly(vinyl chloride) (PVC-U), polypropylene (PP) and polyethylene (PE) - Part 3: Specifications for pipes and fittings with smooth internal and profiled external surface and the system, Type B

**CEN/TC 155/WG 14** Systems of glass-reinforced thermosetting plastics for all applications - Polyester, epoxy and polyester resin based concrete

**CEN/TC 155/WG 16** Systems for hot and cold water applications

**Convenor** : Mr Horst Stimmelmayer

**Secretary**: Mrs Ruth Schneider

**WORK PROGRAMME**

<b><i>EN ISO 15874-2:2013/prA1</i></b> (WI=00155806)	Plastics piping systems for hot and cold water installations - Polypropylene (PP) - Part 2: Pipes - Amendment 1 (ISO 15874-2:2013/DAM 1:2017)
<b><i>EN ISO 15874-3:2013/prA1</i></b> (WI=00155807)	Plastics piping systems for hot and cold water installations - Polypropylene (PP) - Part 3: Fittings - Amendment 1 (ISO 15874-3:2013/DAM 1:2017)
<b><i>EN ISO 15874-5:2013/prA1</i></b> (WI=00155823)	Plastics piping systems for hot and cold water installations - Polypropylene (PP) - Part 5: Fitness for purpose of the system - Amendment 1 (ISO 15874-5:2013/DAM 1:2017)
<b><i>prCEN ISO/TS 15874-7</i></b> (WI=00155904)	Plastics piping systems for hot and cold water installations - Polypropylene (PP) - Part 7: Guidance for the assessment of conformity (ISO/TS 15874-7)

<b>prCEN ISO/TS 15875-7</b> (WI=00155903)	Plastics piping systems for hot and cold water installations - Crosslinked polyethylene (PE-X) - Part 7: Guidance for the assessment of conformity (ISO/TS 15875-7)
<b>prCEN ISO/TS 15876-7</b> (WI=00155905)	Plastics piping systems for hot and cold water installations - Polybutylene (PB) - Part 7: Guidance for the assessment of conformity (ISO/TS 15876-7)
<b>prCEN ISO/TS 15877-7</b> (WI=00155902)	Plastics piping systems for hot and cold water installations - Chlorinated poly(vinyl chloride) (PVC-C) - Part 7: Guidance for the assessment of conformity (ISO/TS 15877-7)
<b>prCEN ISO/TS 22391-7</b> (WI=00155906)	Plastics piping systems for hot and cold water installations - Polyethylene of raised temperature resistance (PE-RT) - Part 7: Guidance for the assessment of conformity (ISO/TS 22391-7)

### CEN/TC 155/WG 17 Rehabilitation of pipeline systems

**Convenor** : Mr Wim Elzink

**Secretary**: Mr Peter Verlaan

### WORK PROGRAMME

<b>FprEN ISO 11295</b> (WI=00155847)	Classification and information on design and applications of plastics piping systems used for renovation and replacement (ISO/FDIS 11295:2017)
<b>FprEN ISO 11296-2</b> (WI=00155841)	Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks - Part 2: Lining with continuous pipes (ISO/FDIS 11296-2:2017)
<b>FprEN ISO 11296-4</b> (WI=00155851)	Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks - Part 4: Lining with cured-in-place pipes (ISO/FDIS 11296-4:2017)
<b>FprEN ISO 11297-2</b> (WI=00155842)	Plastics piping systems for renovation of underground drainage and sewerage networks under pressure - Part 2: Lining with continuous pipes (ISO/FDIS 11297-2:2017)
<b>FprEN ISO 11297-4</b> (WI=00155843)	Plastics piping systems for renovation of underground drainage and sewerage networks under pressure - Part 4: Lining with cured-in-place pipes (ISO/FDIS 11297-4:2017)
<b>FprEN ISO 11298-2</b> (WI=00155844)	Plastics piping systems for renovation of underground water supply networks - Part 2: Lining with continuous pipes (ISO/FDIS 11298-2:2017)
<b>prEN ISO 11296-1</b> (WI=00155849)	Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks -- Part 1: General (ISO/DIS 11296-1:2017)
<b>prEN ISO 11296-3</b> (WI=00155850)	Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks - Part 3: Lining with close-fit pipes (ISO/DIS 11296-3:2017)
<b>prEN ISO 11296-7 rev</b> (WI=00155852)	Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks - Part 7: Lining with spirally-wound pipes
<b>prEN ISO 11297-1</b> (WI=00155853)	Plastics piping systems for renovation of underground drainage and sewerage networks under pressure -- Part 1: General (ISO/DIS 11297-1:2017)
<b>prEN ISO 11297-3</b> (WI=00155854)	Plastics piping systems for renovation of underground drainage and sewerage networks under pressure - Part 3: Lining with close-fit pipes (ISO:DIS 11297-3:2017)

<b>prEN ISO 11298-1</b> (WI=00155855)	Plastics piping systems for renovation of underground water supply networks - Part 1: General (ISO/DIS 11298-1:2017)
<b>prEN ISO 11298-3</b> (WI=00155856)	Plastics piping systems for renovation of underground water supply networks - Part 3: Lining with close-fit pipes (ISO/DIS 11298-3:2017)
<b>prEN ISO 11299-1 rev</b> (WI=00155857)	Plastics piping systems for renovation of underground gas supply networks - Part 1: General
<b>prEN ISO 11299-2</b> (WI=00155909)	Plastics piping systems for renovation of underground gas supply networks - Part 2: Lining with continuous pipes
<b>prEN ISO 11299-3 rev</b> (WI=00155858)	Plastics piping systems for renovation of underground gas supply networks - Part 3: Lining with close-fit pipes
<b>prEN ISO 21225-1</b> (WI=00155907)	Plastics piping systems for the trenchless replacement of underground pipeline networks - Part 1: Replacement on the line by pipe bursting and pipe extraction (ISO/DIS 21225-1:2017)
<b>prEN ISO 21225-2</b> (WI=00155908)	Plastics piping systems for the trenchless replacement of underground pipeline networks - Part 2: Replacement off the line by horizontal directional drilling and impact moling (ISO/DIS 21225-2:2017)

**CEN/TC 155/WG 20** Thermoplastics ancillaries for soil and waste discharge and gravity buried drainage and sewerage systems

**Convenor** : Mr Bob Chapman

DEC 1347 - NWI for revision EN 13598-1:2010 “Plastics piping systems for non-pressure underground drainage and sewerage - Unplasticized poly(vinyl chloride) (PVC-U), polypropylene (PP) and polyethylene (PE) - Part 1: Specifications for ancillary fittings including shallow inspection chambers”

DEC 1348 - NWI for revision EN 13598-2:2016 “Plastics piping systems for non-pressure underground drainage and sewerage - Unplasticized poly(vinyl chloride) (PVC-U), polypropylene (PP) and polyethylene (PE) - Part 2: Specifications for manholes and inspection chambers”

**CEN/TC 155/WG 22** Systems for buried ducts

**Convenor** : Mr Jens Martin Storheil

**Secretary**: Mr Peter Verlaan

**CEN/TC 155/WG 23** Thermoplastics systems for industrial applications

**Convenor** : Mr Andreas Neubert

**Secretary**: Mr Bernd Richter

## WORK PROGRAMME

<b>prEN ISO 15494</b> (WI=00155910)	Plastics piping systems for industrial applications - Polybutene (PB), polyethylene (PE), polyethylene of raised temperature resistance (PE-RT), crosslinked polyethylene (PE-X), polypropylene (PP) - Metric series for specifications for components and the system (ISO 15494:2015)
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**CEN/TC 155/WG 25** Recycling of PVC-U, PE and PP materials

**Convenor** : Mr De Lange

**Secretary**: Mr Peter Verlaan

**CEN/TC 155/WG 26** Systems for storm water handling

**Convenor** : Mr Hielke Hoekstra

**Secretary**: Mr Edward Zomers

**WORK PROGRAMME**

<b>prEN 17150</b> (WI=00155827)	Plastics piping systems for non-pressure underground conveyance and storage of non-potable water - Test method for determination of short term compression strength of boxes
<b>prEN 17151</b> (WI=00155828)	Plastics piping systems for non-pressure underground conveyance and storage of non-potable water - Test method for determination of long term compression strength of boxes
<b>prEN 17152-1</b> (WI=00155892)	Plastics piping systems for non-pressure underground conveyance and storage of non-potable water - Boxes used for infiltration, attenuation and storage systems - Part 1: Specifications for storm water boxes made of PP and PVC

**CEN/TC 155/WG 27** Environmental aspects

**Convenor** : Mr Eric Gravier

**WORK PROGRAMME**

<b>FprEN 16903</b> (WI=00155820)	Plastics piping systems - Environmental product declarations - Product Category Rules complementary to EN 15804, for buried plastics piping systems
<b>FprEN 16904</b> (WI=00155821)	Plastics piping systems - Environmental product declarations - Product Category rules complementary to EN 15804, for plastic piping systems inside buildings

**CEN/TC 155/WG 28** Lifetime expectancy

**Convenor** : Mr Peter Verlaan

**Secretary**: Mr Lodewijk Niemöller

**CEN/TC 155/WG 29** Non pressure hENs

**Convenor** : Mr Michel Divanach

**CEN/TC 155/WG 30** Pressure hENs

**Convenor** : Mr Urs Amacher

**CEN/TC 155/WG 31** CPR-water issues

**Convenor** : Mr Michel Divanach

**CEN/TC 163 Sanitary appliances**

Secretary: Ms Clara Miramonti (UNI)



**WORK PROGRAMME**

<b>EN 12764:2015/prA1:2017</b> (WI=00163124)	Sanitary appliances - Specification for whirlpool baths
<b>EN 13310:2015/prA1:2017</b> (WI=00163116)	Kitchen sinks - Functional requirements and test methods
<b>EN 13407:2015/prA1:2017</b> (WI=00163118)	Wall-hung urinals - Functional requirements and test methods
<b>EN 14296:2015/prA1</b> (WI=00163120)	Sanitary appliances - Communal washing troughs
<b>EN 14428:2015/prA1:2017</b> (WI=00163115)	Shower enclosures - Functional requirements and test methods
<b>EN 14516:2015/prA1:2017</b> (WI=00163125)	Baths for domestic purposes
<b>EN 14516:2015/prA1:2017</b> (WI=00163125)	Baths for domestic purposes
<b>EN 14528:2015/prA1</b> (WI=00163121)	Bidets - Functional requirements and test methods
<b>EN 14688:2015/prA1</b> (WI=00163122)	Sanitary appliances - Wash basins - Functional requirements and test methods
<b>FprCEN/TR 17221</b> (WI=00163126)	Guidance on the application of CE marking and preparation of Declaration of Performance for sanitary appliances
<b>prEN 14055</b> (WI=00163119)	WC and urinal flushing cisterns
<b>prEN 31 rev</b> (WI=00163128)	Wash basins - Connecting dimensions
<b>prEN 33 rev</b> (WI=00163127)	WC pans and WC suites - Connecting dimensions
<b>prEN 997</b> (WI=00163123)	WC pans and WC suites with integral trap
(WI=00163129)	Sanitary appliances - Specification for WC seats

**CEN/TC 164 Water supply**

Secretary: Ms Anna Baranski (AFNOR)

Chairperson: Mr. Phillipe Pied

**WORK PROGRAMME**

<b>EN 17034:2017</b> (WI=00164593)	Chemicals used for treatment of water intended for human consumption - Aluminium chloride anhydrous, aluminium chloride basic, dialuminium chloride pentahydroxide and aluminium chloride hydroxide sulfate
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<b>FprEN 13077</b> (WI=00164578)	Devices to prevent pollution by backflow of potable water - Air gap with non-circular overflow (unrestricted) - Family A - Type B
<b>prEN 12873-3</b> (WI=00164600)	Influence of materials on water intended for human consumption - Influence due to migration - Part 3: Test method for ion exchange and adsorbent resins
<b>prEN 17215</b> (WI=00164602)	Chemicals used for treatment of water intended for human consumption - Iron-based coagulants - Analytical methods

### **CEN/TC 165 Waste water engineering**

Secretary: Ms Jeannette Bernard (DIN)

Chairperson: Mr. Werner Kristeller

### **WORK PROGRAMME**

<b>EN 16941-1:2017</b> (WI=00165232)	On-site non-potable water systems - Part 1: Systems for the use of rainwater
<b>FprCEN/TR 15897</b> (WI=00165286)	Submerged Membrane Bioreactor (MBR) Technology
<b>FprEN 16932-1</b> (WI=00165238)	Drain and sewer systems outside buildings - Pumping systems - Part 1: General requirements
<b>FprEN 16932-2</b> (WI=00165239)	Drain and sewer systems outside buildings - Pumping systems - Part 2: Positive pressure systems
<b>FprEN 16932-3</b> (WI=00165240)	Drain and sewer systems outside buildings - Pumping systems - Part 3: Vacuum systems
<b>prEN 12566-1 rev</b> (WI=00165300)	Small wastewater treatment systems for up to 50 PT - Part 1: Prefabricated septic tanks
<b>prEN 12566-3 rev</b> (WI=00165299)	Small wastewater treatment systems for up to 50 PT - Part 3: Packaged and/or site assembled domestic wastewater treatment plants
<b>prEN 12566-4 rev</b> (WI=00165303)	Small wastewater treatment systems for up to 50 PT - Part 4: Septic tanks assembled in situ from prefabricated kits
<b>prEN 12566-6 rev</b> (WI=00165301)	Small wastewater treatment systems for up to 50 PT - Part 6: Prefabricated treatment units for septic tank effluent
<b>prEN 12566-7 rev</b> (WI=00165302)	Small wastewater treatment systems for up to 50 PT - Part 7: Prefabricated tertiary treatment units
<b>prEN 1295-1</b> (WI=00165289)	Structural design of buried pipelines under various conditions of loading - Part 1: General requirements
<b>prEN 15885</b> (WI=00165285)	Classification and characteristics of techniques for renovation, repair and replacement of drains and sewers
<b>prEN 16941-2</b> (WI=00165283)	On-site non-potable water systems - Part 2: Systems for the use of treated greywater

### **CEN/TC 248/WG 4 Coated fabrics**

Secretary: Ms. Jöelle Perez (AFNOR)

Convenor: Mr Laurent Houillon

### **WORK PROGRAMME**

<b>prEN 17117-1</b> (WI=00248508)	Rubber or plastics-coated fabrics - Mechanical test methods under biaxial stress states - Part 1: Tensile stiffness properties
<b>prEN ISO 32100</b> (WI=00248609)	Rubber- or plastics-coated fabrics - Physical and mechanical tests - Determination of flex resistance by the flexometer method (ISO/DIS 32100:2016)

## CEN/TC 249 Plastics

Secretary: Mr Hubert Janssens NBN  
Chairperson: Mr Huub Omloo

### CEN TC 249 AHG Revision EN 15860:2010

Convenor: Mr Hubert Janssens NBN

#### WORK PROGRAMME

<b>FprEN 15860</b> (WI=00249899)	Plastics - Thermoplastic semi-finished products for machining - Requirements and test methods
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### CEN/TC 249/WG 4 Decorative laminated sheets based on thermosetting resins

**Convenor** : Mr Gianmichele Ferrero

**Secretary**: Mr Gianluigi Moroni

#### WORK PROGRAMME

<b>prEN 438-8</b> (WI=00249977)	High-pressure decorative laminates (HPL) - Sheets based on thermosetting resins (usually called laminates) - Part 8: Classification and specifications for design laminates
<b>prEN 438-7 rev</b> (WI=00249975)	High-pressure decorative laminates (HPL) - Sheets based on thermosetting resins (usually called laminates) - Part 7: Compact laminate and HPL composite panels for internal and external wall and ceiling finishes
<b>EN 438-9:2017</b> (WI=00249920)	High-pressure decorative laminates (HPL) - Sheets based on thermosetting resins (usually called laminates) - Part 9: Classification and specifications for alternative core laminates
<b>EN 438-2:2016/prA1</b> (WI=00249990)	High-pressure decorative laminates (HPL) - Sheets based on thermosetting resins (usually called laminates) - Part 2: Determination of properties

### CEN/TC 249/WG 5 Thermoplastic profiles for building applications

**Convenor** : Mr Eric Chatelain

**Secretary**: M. Yan Archambeau

### CEN/TC 249/WG 7 Thermoplastic films for use in agriculture

**Convenor** : Mr Andrea Ferraresi

**Secretary**: Mr Gianluigi Moroni

## WORK PROGRAMME

<b>EN 13206:2017/prA1</b> (WI=00249A0E)	Plastics - Thermoplastic covering films for use in agriculture and horticulture
<b>FprCEN/TR 17219</b> (WI=00249989)	Plastics - Biodegradable thermoplastic mulch films for use in agriculture and horticulture - Guide for the quantification of alteration of films
<b>EN 13207</b> (WI=00249832)	Plastics - Thermoplastic silage films and tubes for use in agriculture
<b>EN 13655</b> (WI=00249830)	Plastics - Thermoplastic mulch films recoverable after use, for use in agriculture and horticulture
<b>EN 14932</b> (WI=00249831)	Plastics - Thermoplastic stretch films for wrapping silage bales
<b>EN 17033</b> (WI=00249875)	Plastics - Biodegradable mulch films for use in agriculture and horticulture - Requirements and test methods
<b>EN 17098-1</b> (WI=00249966)	Plastics - Barrier films for agricultural and horticultural soil disinfection by fumigation - Part 1: Specifications for barrier films
<b>EN 17098-2</b> (WI=00249967)	Plastics - Barrier films for agricultural and horticultural soil disinfection by fumigation - Part 2: Method for film permeability determination using a static technique

### **CEN/TC 249/WG 8** Cellular plastics

**Convenor** : Dr David King

### **CEN/TC 249/WG 9** Characterisation of degradability

**Convenor** : Mr Francesco Degli Innocenti

**Secretary**: Mr Gianluigi Moroni

### **CEN/TC 249/WG 11** Plastics recycling

**Convenor** : Mr Jens Lühr

**Secretary**: Dr Miriam Stoelzel

### **CEN/TC 249/WG 12** Plastics jacketing

**Convenor** : Mr Joachim Eckstein

**Secretary**: Mr Bernd Richter

### **CEN/TC 249/WG 13** Wood Plastics Composites (WPC)

**Convenor** : Mr Reinhard Lietzmann

**Secretary**: Mr Bernd Trepkau

### **CEN/TC 249/WG 14** PVC-P swimming pool liners

**Convenor** : Mr. Alain Genty

**Secretary**: Mr. Yan Archambeau

### **CEN/TC 249/WG 15** Fibre-reinforced composites

**Convenor** : Mr. Dr Jon Taby

**Secretary**: Mr Knut Aune

**CEN/TC 249/WG 16** Welding of thermoplastics**Convenor** : Mr. Dr Jon Taby**Secretary**: Mr Knut Aune**WORK PROGRAMME**

<b><i>FprEN 12814-4</i></b> ( <i>WI=00249906</i> )	Testing of welded joints of thermoplastics semi-finished products - Part 4: Peel test
<b><i>prEN 13100-2 rev</i></b> ( <i>WI=00249A0F</i> )	Non-destructive testing of welded joints in thermoplastics semi-finished products - Part 2: X-ray radiographic testing
<b><i>prEN 14728</i></b> ( <i>WI=00249900</i> )	Imperfections in thermoplastic welds - Classification

**CEN/TC 249/WG 17** Biopolymers**Convenor** : Ing. Michele Murgia**Secretary**: Mr Gianluigi Moroni**WORK PROGRAMME**

<b><i>prEN 17228</i></b> ( <i>WI=00249A01</i> )	Plastics - Bio-based plastics
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**CEN/TC 249/WG 19** Light exposure**Convenor** : Mr Xavier Duteurtre**Secretary**: M. Yan Archambeau**CEN/TC 249/WG 20** Analytical methods for contaminants in recycled plastics**Convenor** : Mr Tim Marsden**Secretary**: Mr Rolph Holthuijsen**CEN/TC 249/WG 21** Profiles for windows and doors**Convenor** : Mr Andreas Franzelin**Secretary**: Mr Matthias Müller**WORK PROGRAMME**

<b><i>FprEN 477</i></b> ( <i>WI=00249925</i> )	Plastics - Poly(vinyl chloride) (PVC) based profiles - Determination of the resistance to impact of profiles by falling mass
<b><i>FprEN 478</i></b> ( <i>WI=00249923</i> )	Plastics - Poly(vinyl chloride) (PVC) based profiles - Determination of the appearance after exposure at 150 °C
<b><i>FprEN 479</i></b> ( <i>WI=00249924</i> )	Plastics - Poly(vinyl chloride) (PVC) based profiles - Determination of heat reversion
<b><i>FprEN 514</i></b> ( <i>WI=00249926</i> )	Plastics - Poly(vinyl chloride) (PVC) based profiles - Determination of the strength of welded corners and T-joints
<b><i>prEN 513</i></b> ( <i>WI=00249921</i> )	Plastics - Poly(vinyl chloride) (PVC) based profiles - Determination of the resistance to artificial weathering

(WI=00249998)	Poly(vinyl chloride) (PVC) based profiles - Determination of the peel strength of profiles laminated with foils
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**CEN/TC 249/WG 22** Wallcovering panels for building applications

**Convenor** : M. Christian Vinson

**Secretary**: M. Yan Archambeau

**WORK PROGRAMME**

<b>prEN 17104</b> (WI=00249922)	Thermoplastics rigid protective wallcovering panels for internal use in buildings - Performance characteristics
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**CEN/TC 249/WG 23** Fibre-reinforced composites - Pultruded rods

**Convenor** : M. Xavier Carteron

**Secretary**: M. Yan Archambeau

**CEN/TC 249/WG 24** Coordination of environmental issues

**Convenor** : Mr Rainer Mantel

**Secretary**: Dr Miriam Stoelzel

**Work programme del CEN TC 249**

<b>prEN ISO 1856</b> (WI=00249927)	Flexible cellular polymeric materials - Determination of compression set (ISO/DIS 1856:2016)
<b>FprCEN/TS 17158</b> (WI=00249982)	Composites made from cellulose based materials and thermoplastics (usually called wood polymer composites (WPC) or natural fibre composites (NFC)) - Determination of particle size of lignocelulosic material

**CEN/TC 210 GRP tanks and vessels**

Secretary: Mr. Gunnar Hanschke (DIN)

Chairperson: Mr. Juhani Laakso

NWI EN 13121-1 revision incl. draft	"GRP tanks and vessels for use above ground - Part 1: Raw materials - Specification conditions and acceptance conditions"
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**CEN/TC 266 Thermoplastic static tanks**

Secretary: Mr. Tobias Hübner (DIN)

Chairperson: Mr. Markus Jächel

**CEN/TC 266/WG 2** Thermoplastic tanks fabricated by fusion techniques

**Secretary**: Mr. Tobias Hübner

**Convenor** : Dr Hessel

**CEN/TC 266/WG 3** Thermoplastic tanks made by the blow moulding and/or the rotational moulding processes

**Secretary**: Mr. Tobias Hübner

**Convenor** : Mr- Markus Jächel

**CEN/TC 266/WG 4** Thermoplastic tanks made by the blow moulding and/or the rotational moulding processes, for the storage of oils having a flash point above 55 °C or 60 °C

**Secretary**: Ms. Therese Clarke

**Convenor** : Mr. James McGreer

**WORK PROGRAMME**

<b>prEN 13341 rev</b> (WI=00266021)	Static thermoplastic tanks for above ground storage of fuel - Product characteristics and test methods
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**CEN/TC 355 “Project Committee - Lighters”**

Secretary: Mr. Dori Nissan

Chairperson : Mr. Malcolm Horner

**WORK PROGRAMME**

<b>prEN ISO 9994</b> (WI=00355006)	Lighters - Safety specification (ISO/DIS 9994:2015)
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**CEN/TC 107 Prefabricated district heating and district cooling pipe system**

Chairperson : Mr Jan Elleriis

Secretary : Mr Henryk Stawicki

CEN/TC 107/WG 1 Editing

Convenor : Mr. Carl Michael Ilving

**CEN/TC 107/WG 2** Basic consideration

**Secretary**: Ms. Jennifer Arleheim

**Convenor** : Mr. Thomas Lummi

**WORK PROGRAMME**

<b>prEN 15698-1 rev</b> (WI=00107067)	District heating pipes - Preinsulated bonded twin pipe systems for directly buried hot water networks - Part 1: Twin pipe assembly of steel service pipe, polyurethane thermal insulation and outer casing of polyethylene
<b>prEN 253 rev</b> (WI=00107062)	District heating pipes - Preinsulated bonded pipe systems for directly buried hot water networks - Pipe assembly of steel service pipe, polyurethane thermal insulation and outer casing of polyethylene

**CEN/TC 107/WG 3 PUR-foam properties**

Convenor : Mr. Kristof Dedecker

**CEN/TC 107/WG 4** Joints

**Convenor** : Mr. Andreas Schmidt

**Secretary**: Mr. Andreas Schmidt

**WORK PROGRAMME**

<b>prEN 489-1</b> (WI=00107061)	District heating pipes - Bonded single and twin pipe systems for buried hot water networks - Part 1: Joint casing assemblies and thermal insulation for hot water networks in accordance with EN 13941-1
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**CEN/TC 107/WG 5 Fittings and valves**

**Secretary:** Mrs. Sui Wan

**WORK PROGRAMME**

<b>prEN 15698-2 rev</b> (WI=00107068)	District heating pipes - Preinsulated bonded twin pipe systems for directly buried hot water networks - Part 2: Fitting and valve assembly of steel service pipes, polyurethane thermal insulation and outer casing of polyethylene
<b>prEN 448 rev</b> (WI=00107063)	District heating pipes - Preinsulated bonded pipe systems for directly buried hot water networks - Fitting assemblies of steel service pipes, polyurethane thermal insulation and outer casing of polyethylene
<b>prEN 488 rev</b> (WI=00107064)	District heating pipes - Preinsulated bonded pipe systems for directly buried hot water networks - Steel valve assembly for steel service pipes, polyurethane thermal insulation and outer casing of polyethylene

**CEN/TC 107/WG 9 PE Casings**

**Convenor :** Mr. Andreas Schmidt

**CEN/TC 107/WG 10 Flexible pipe systems for district heating**

**Convenor :** Mr. Horst Stimmelmayer

**Secretary:** Mr. Niels-Christian Müller

**CEN/TC 107/WG 11 Surveillance facilities**

**Secretary:** Mr. Henryk Stawicki

**Convenor:** Mr. Michael Haushahn

**WORK PROGRAMME**

<b>prEN 14419 rev</b> (WI=00107065)	District heating pipes - Preinsulated bonded pipe systems for directly buried hot water networks - Surveillance systems
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**CEN/TC 107/WG 12 Polymer Service Pipes**

**Convenor :** Mr. Andreas Schmidt

**Secretary:** Mr. Steve Beech

**CEN/TC 107/WG 13 Preinsulated district heating pipe systems - Design and installation**

**Convenor :**

**Secretary:**

**WORK PROGRAMME**



<b>prEN 13941-1</b> (WI=00107034)	District heating pipes - Design and installation of thermal insulated bonded single and twin pipe systems for directly buried hot water networks - Part 1: Design
<b>prEN 13941-2</b> (WI=00107039)	District heating pipes - Design and installation of thermal insulated bonded single and twin pipe systems for directly buried hot water networks - Part 2: Installation

**CEN/TC 107/WG 14** District cooling

**Convenor** : Mr. Niclas De Lorenzi

**Secretary**: Mr Hussain Hikmet

**CEN/TC 254 Flexible sheets for waterproofing**

Chairperson :Mr Tommy Bunch-Nielsen

Secretary: Mrs Annemarie Mewe (NEN)

**CEN/TC 254/WG 1** Coordination

**Secretary**: Mrs Annemarie Mewe (NEN)

**WORK PROGRAMME**

<b>prEN 12691</b> (WI=00254170)	Flexible sheets for waterproofing - Bitumen, plastic and rubber sheets for roof waterproofing - Determination of resistance to impact
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**CEN/TC 254/WG 3** Material properties relevant to wind uplift resistance

**Convenor** : Mr. Fredrik Rundgren

**WORK PROGRAMME**

<b>prEN 16002</b> (WI= 00254163)	Flexible sheets for waterproofing - Determination of the resistance to wind load of mechanically fastened flexible sheets for roof waterproofing
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**CEN/TC 254/WG 6** Bridge deck waterproofing

**Convenor** : Mr. Alberto Madella

**WORK PROGRAMME**

<b>FprEN 17048</b> (WI=00254169)	Flexible sheets for waterproofing - Plastic and rubber sheets for waterproofing of concrete bridge decks and other trafficked areas of concrete - Definitions and characteristics
<b>prEN 13375</b> (WI=00254174)	Flexible sheets for waterproofing - Waterproofing of concrete bridge decks and other concrete surfaces trafficable by vehicles - Specimen preparation
<b>prEN 14695</b> (WI=00254175)	Flexible sheets for waterproofing - Reinforced bitumen sheets for waterproofing of concrete bridge decks and other trafficked areas of concrete - Definitions and characteristics

**CEN/TC 254/WG 9** Underlays for discontinuous roof coverings

**Convenor** : Dr.Ing. Sebastian Tremml

**Secretary:** Ing. Maja Zimmer

**CEN/TC 254/WG 10** Ageing

**CEN TC 334 Irrigation techniques**

Chairperson: Mr Enrique Playán

Secretary: Mr Francesco Arribas (AENOR)

**CEN/TC 334/WG 5 Localized irrigation**

Secretary: Ms. Pinilla

Convenor: Mr. Jaime Arviza Valverde

**CEN/TC 334/WG 6 Water supply. Buried and surface pipes**

Secretary: Mrs. Gloria Görgner

Convenor: Alteneder

**CEN/TC 334/WG 9 Remote Monitoring and Control for irrigation systems**

Convenor: Mr. Félix Diaz de Rada Santos

**CEN TC 411 "Biobased products"**

Chairperson: Mr. Francois de Bie (Corbion)

Secretary: Mrs. Suzan Van Kruchten (NEN)

**CEN TC 411 / WG 1 "Terminology"**

Convenor : Mr. Huub Omloo

Secretary: Mr. Indra te Ronde

**CEN TC 411 / WG 2 "Bio-solvents"**

Secretary: Mr Ortwin Costenoble

**CEN TC 411 / WG 3 "Bio-based content"**

Convenor : Mr. Jaap Hooijmans

Secretary: Mrs. Suzan Van Kruchten

**WORK PROGRAMME**

<b><i>FprEN 16785-2 (WI=00411011)</i></b>	Bio-based products - Bio-based content - Part 2: Determination of the bio-based content using the material balance method
<i>(WI=00411015)</i>	Bio-based products - Oxygen content - Determination of the oxygen content using an elemental analyser

**CEN TC 411 / WG 4 "Sustainability criteria, lifecycle analysis and relates issues"**

**Convenor :** Mrs. Solveig Eriksson

**Secretary:** Mrs. Maria Gustafsson

<i>(WI=00411014)</i>	Bio-based products - Sustainability criteria - Examples of reporting
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**CEN TC 411 / WG 5 " Certification and declaration tools"**

Convenor : Mr. Henk Vooijs

Secretary: Mrs Suzan Van Kruchten

## CEN TC 438 " Additive Manufacturing"

Chairperson: Mr Eric Baustert

Secretary: Mr Olivier Coissac (AFNOR)

### WORK PROGRAMME

<b>ISO/ASTM 52900 rev</b> (WI=00438014)	Additive manufacturing - General principles - Terminology
ISO/ASTM 52900 rev (WI=00438014)	Additive manufacturing - General principles - Terminology
<b>prEN ISO/ASTM 52901</b> (WI=00438017)	Additive manufacturing - General principles - Requirements for purchased AM parts
<b>prEN ISO/ASTM 52902</b> (WI=00438007)	Additive manufacturing -- General principles -- Standard test artifacts
<b>prEN ISO/ASTM 52903-2</b> (WI=00438008)	Additive Manufacturing - Standard Specification for Material Extrusion Based Additive Manufacturing of Plastic Materials - Part 2 process - equipment
<b>prEN ISO/ASTM 52903-3</b> (WI=00438010)	Additive Manufacturing -- Standard Specification for Material Extrusion Based Additive Manufacturing of Plastic Materials -- Part 3: Final parts
<b>prEN ISO/ASTM 52905</b> (WI=00438009)	Additive manufacturing -- General principles -- Nondestructive testing of additive manufactured products
<b>prEN ISO/ASTM 52907</b> (WI=00438013)	Additive manufacturing - Technical specifications on metal powders
<b>prEN ISO/ASTM 52911-1</b> (WI=00438012)	Additive manufacturing - Technical Design Guideline for Powder Bed Fusion - Part 2: Laser-based Powder Bed Fusion of Polymers (ISO/ASTM DIS 52911-2:2017)
<b>prEN ISO/ASTM 52911-2</b> (WI=00438011)	Additive manufacturing - Technical Design Guideline for Powder Bed Fusion - Part 2: Laser-based Powder Bed Fusion of Polymers (ISO/ASTM DIS 52911-2:2017)
<b>prEN ISO/ASTM 52915 rev</b> (WI=00438015)	Specification for additive manufacturing file format (AMF) Version 1.2
(WI=00438016)	Technical Report for the Design of Functionally Graded Additive Manufactured Parts

## ISO TC 23/SC18 Tractors and Machinery for agriculture and forestry/ Irrigation and Drainage equipment

Chairperson: Mr Adi Marcu

Secretary: Mrs Helen Atarot (SII)

### Work programme dell' ISO TC 23/SC18

<b>ISO/NP 7714</b>	Agricultural irrigation equipment -- Volumetric valves -- General requirements and test methods
<b>ISO/NP 9644</b>	Agricultural irrigation equipment -- Pressure losses in irrigation valves -- Test method

<b>ISO/WD 9912-4</b>	Agricultural irrigation equipment -- Filters for microirrigation -- Part 4: Granulated media filters
<b>ISO/DTR 15155-1</b>	Agricultural irrigation equipment -- Test facilities for agricultural irrigation equipment -- Part 1: Test facilities for agricultural irrigation equipment
<b>ISO/AWI 15886-4</b>	Irrigation equipment -- Irrigation sprinklers -- Part 4: Test methods for durability
<b>ISO/DTR 21540</b>	Test methods to evaluate the sensitivity of irrigation emitters to clogging related to water characteristics in controlled (laboratory) and natural (field) conditions
<b>ISO/AWI 21622</b>	Irrigation techniques -- Remote monitoring and control for irrigation

### **ISO/TC 45/SC 4 Products (other than hoses)**

Secretary: Mr Muhammad Syaarani Danya (DSM - Malesia)

Chairperson: Dr Eng Long Ong

**ISO/TC 45/SC 4/WG 1** Rubber threads

**ISO/TC 45/SC 4/WG 2** Rubber seals  
**Convenor** : Ms. Ann-Cathrine Magnă

**ISO/TC 45/SC 4/WG 5** Gloves and other latex products

**ISO/TC 45/SC 4/WG 7** Material specification  
**Convenor** : Mr. Göran Spetz

**ISO/TC 45/SC 4/WG 8** Flexible and semi-rigid cellular material  
**Convenor** : Mr. Shunji Araki

**ISO/TC 45/SC 4/WG 9** Elastomeric isolators

**ISO/TC 45/SC 4/WG 13** Coated fabrics  
**Convenor** : Mr. Isamu Imai

**ISO/TC 45/SC 4/WG 14** Elastomeric bridge bearings

**ISO/TC 45/SC 4/WG 15** Rubber bands

### **Work programme ISO/TC 45/SC4**

<b>ISO/DIS 1419</b>	Rubber- or plastics-coated fabrics -- Accelerated-ageing tests;
<b>ISO/DIS 1856</b>	Flexible cellular polymeric materials -- Determination of compression set
<b>ISO/DIS 8067</b>	Flexible cellular polymeric materials -- Determination of tear strength
<b>ISO/DIS 8307</b>	Flexible cellular polymeric materials -- Determination of resilience by ball rebound
<b>ISO/DIS 9631</b>	Rubber seals -- Joint rings for pipelines for hot-water supply up to 110°C -- Specification for the material

<b>ISO / WD 22751</b>	Rubber or plastic coated fabrics -- Physical and mechanical test -- Determination of flexural properties
<b>ISO/DIS 22762-1</b>	Elastomeric seismic-protection isolators -- Part 1: Test methods
<b>ISO/DIS 22762-2</b>	Elastomeric seismic-protection isolators -- Part 2: Applications for bridges -- Specifications
<b>ISO/DIS 22762-3</b>	Elastomeric seismic-protection isolators -- Part 3: Applications for buildings -- Specifications
<b>ISO / NP 22843</b>	Rubber bands -- General requirements and test methods
<b>ISO/DIS 32100</b>	Rubber- or plastics-coated fabrics -- Physical and mechanical tests -- Determination of flex resistance by the flexometer method

### **ISO TC 61 PLASTICS**

Secretary: Jiandong Wang SAC

Chairperson: Dr Hubert Simon (Germany)

**ISO/TC 61/AHG 1** Future SC on environment/sustainability issues

**ISO/TC 61/WG 3** Tolerances for plastics moulded parts

#### **Work programme dell' ISO TC 61/WG3**

**ISO/DIS 20457** Plastics moulded parts -- Tolerances and acceptance conditions

#### **ISO/TC 61/SC 1 Terminology**

Secretary: Mr Petar Luzajic BSI

Chairperson: Dr Ramani Narayan

**ISO/TC 61/SC 1/WG 1** Terms and definitions

**Convener: Mr. Ranganath Shastri (USA)**

**ISO/TC 61/SC 1/WG 3** Symbols

**Convener: Mr. Mitsuru Yokouchi**

#### **Work programme dell' ISO TC 61/SC1**

<b>ISO 472:2013/DAMd 1</b>	Plastics -- Vocabulary
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#### **ISO/TC 61/SC 2 Mechanical behavior**

Secretary: Mrs Dongmei Zhe SAC

Chairperson: Dr. Sunwoong Choi

**ISO/TC 61/SC 2/WG 1** Static behavior

**Convener: Mr. Gerhard Maurer (GERMANIA)**

**ISO/TC 61/SC 2/WG 2** Hardness and surface properties

**Convener: Ahmad Fuad (MALESIA)**

**ISO/TC 61/SC 2/WG 3** Impact and high speed properties

**Convenor: Mr. Harry Yohn (USA)**

**ISO/TC 61/SC 2/WG 5** Temperature dependent behavior

**Convenor: Mr. Graham D Sims**

**ISO/TC 61/SC 2/WG 6** Dimensions of test specimens

**Convenor: Mr. Leonardo Castellani**

**ISO/TC 61/SC 2/WG 7** Fracture and fatigue behavior

**Convenor: dr. Choi Sunwoong (SUD COREA)**

**ISO/TC 61/SC 2/WG 8** Forms of data presentation

**Convenor: dr. Ranganath Shastri (USA)**

#### **Work programme ISO TC 61/SC2**

<b>ISO/DIS 178</b>	Plastics -- Determination of flexural properties
<b>ISO/DIS 180</b>	Plastics -- Determination of Izod impact strength
<b>ISO/CD 10350-1</b>	Plastics -- Acquisition and presentation of comparable single-point data -- Part 1: Moulding materials
<b>ISO/DIS 10350-2</b>	Plastics -- Acquisition and presentation of comparable single-point data -- Part 2: Long-fibre-reinforced plastics
<b>ISO/DIS 13586</b>	Plastics -- Determination of fracture toughness (GIC and KIC) -- Linear elastic fracture mechanics (LEFM) approach
<b>ISO/DIS 17281</b>	Plastics -- Determination of fracture toughness (GIC and KIC) at moderately high loading rates (1 m/s)
<b>ISO/DIS 17282: 2004/DAmD 1</b>	Plastics -- Guide to the acquisition and presentation of design data
<b>ISO/DIS 18485</b>	Peel test for the determination of interlaminar fracture toughness of flexible packaging laminates
<b>ISO/DTR 19278</b>	Instrumented micro indentation test for hardness measurement of plastics materials
<b>ISO/DIS 20329</b>	Plastics - Determination of abrasion resistance using the reciprocating test panel method
<b>ISO/DIS 20753</b>	Plastics -- Test specimens

#### **ISO/TC 61/SC 4 Burning behaviour**

Secretary: Mr Petar Luzajic BSI

Chairperson: Mr Stephen J. Grayson

**ISO/TC 61/SC 4/WG 2** Smoke opacity and corrosivity

**Convener: Mr. Eric Guillaume**

**ISO/TC 61/SC 4/WG 8** Ignitability and fire growth

**Convener: Mr. Marcelo Hirschler**

**ISO/TC 61/SC 4/WG 9** Composites and semi-finished products

**Convener: Dr. Koichi Yoshida**

**ISO/TC 61/SC 4/WG 10** Lighters

**Convener: Mr. Steve Burkhart**

**ISO/TC 61/SC 4/WG 11** Development of Technical Report ISO/TR 20118

**Convener: Mr. Roland Dewitt**

**Work programme ISO/TC 61/SC4**

<b>ISO/DIS 9994</b>	Lighters -- Safety specification
<b>ISO/TR 10093</b>	Plastics -- Fire tests -- Standard ignition sources
<b>ISO/NP 11907-1</b>	Plastics -- Smoke generation -- Determination of the corrosivity of fire effluents -- Part 1: General requirements and applicability
<b>ISO/NP TR 20118</b>	Guidance on fire characteristics and fire performance of PVC materials used in building applications
<b>ISO/DIS 22702</b>	Utility lighters -- Safety specifications

**ISO/TC 61/SC 5 Physical-chemical properties**

Secretary: Mr Matthias Müller DIN

Chairperson: Mr Robert W. Fuss

**ISO/TC 61/SC 5/AHG 1** Microplastics

**Convener: Mr. Claus Gerhard**

**ISO/TC 61/SC 5/WG 5** Viscosity

**Convener: Mr. Klaus Könnecke**

**ISO/TC 61/SC 5/WG 8** Thermal analysis

**Convener: Mr. Klaus Könnecke**

**ISO/TC 61/SC 5/WG 9** Rheology

**Convener: Prof. Juseok Oh**

**ISO/TC 61/SC 5/WG 11** Analytical methods

**Convener: Mr. H.A.A Omloo**

**ISO/TC 61/SC 5/WG 22** Biodegradability

**Convener: Mr. Masao Kunioka**

**ISO/TC 61/SC 5/WG 23** Biobased plastics

**Convener: Mr. Ramani Narayan**

**Work programme ISO/TC61/SC5**

<b>ISO/CD 2555</b>	Plastics -- Resins in the liquid state or as emulsions or dispersions -- Determination of apparent viscosity by the Brookfield Test method
<b>ISO/NP 3451-1</b>	Plastics -- Determination of ash -- Part 1: General methods
<b>ISO/CD 6721-1</b>	Plastics -- Determination of dynamic mechanical properties -- Part 1: General principles



<b>ISO/CD 6721-2</b>	Plastics -- Determination of dynamic mechanical properties – Part 2: Torsion-pendulum method
<b>ISO/CD 6721-4</b>	Plastics -- Determination of dynamic mechanical properties – Part 4: Tensile vibration -- Non-resonance method
<b>ISO/CD 6721-5</b>	Plastics -- Determination of dynamic mechanical properties – Part 5: Flexural vibration -- Non-resonance method
<b>ISO/CD 6721-6</b>	Plastics -- Determination of dynamic mechanical properties – Part 6: Shear vibration -- Non-resonance method
<b>ISO/CD 6721-7</b>	Plastics -- Determination of dynamic mechanical properties – Part 7: Torsional vibration -- Non-resonance method
<b>ISO/DIS 10927</b>	Plastics -- Determination of the molecular mass and molecular mass distribution of polymer species by matrix-assisted laser desorption/ionization time-of-flight mass spectrometry (MALDI-TOF-MS)
<b>ISO/FDIS 11357-3</b>	Plastics -- Differential scanning calorimetry (DSC) -- Part 3: Determination of temperature and enthalpy of melting and crystallization
<b>ISO/FDIS 11357-6</b>	Plastics -- Differential scanning calorimetry (DSC) -- Part 6: Determination of oxidation induction time (isothermal OIT) and oxidation induction temperature (dynamic OIT)
<b>ISO/DIS 14851</b>	Determination of the ultimate aerobic biodegradability of plastic materials in an aqueous medium -- Method by measuring the oxygen demand in a closed respirometer
<b>ISO/DIS 14852</b>	Determination of the ultimate aerobic biodegradability of plastic materials in an aqueous medium -- Method by analysis of evolved carbon dioxide
<b>ISO/DIS 14855-2</b>	Determination of the ultimate aerobic biodegradability of plastic materials under controlled composting conditions -- Method by analysis of evolved carbon dioxide -- Part 2: Gravimetric measurement of carbon dioxide evolved in a laboratory-scale test
<b>ISO/DIS 15033</b>	Plastics -- Determination of caprolactam and its cyclic and linear oligomers by HPLC
<b>ISO/NP 15512</b>	Plastics -- Determination of water content
<b>ISO/NP 16620-2</b>	Plastics -- Biobased content -- Part 2: Determination of biobased carbon content
<b>ISO/CD 16929</b>	Plastics -- Determination of the degree of disintegration of plastic materials under defined composting conditions in a pilot-scale test
<b>ISO/DIS 17422</b>	Plastics -- Environmental aspects -- General guidelines for their inclusion in standards
<b>ISO/DIS 19935-1</b>	Plastics -- Temperature modulated DSC -- Part 1: General principles
<b>ISO/NP 19935-2</b>	Plastics -- Temperature modulated DSC – Part 2: Measurement of accurate specific heat Cp
<b>ISO/WD 22403</b>	Plastics -- Assessment of the inherent aerobic biodegradability and environmental safety of non-floating materials exposed to marine inocula under laboratory and mesophilic conditions -- Test methods and requirements
<b>ISO/WD 22404</b>	Plastics -- Determination of the aerobic biodegradation of non-floating materials exposed to marine sediment -- Method by analysis of evolved carbon dioxide

<b>ISO/CD 22526-1</b>	Plastics -- Carbon and environmental footprint of biobased Plastics -- Part 1: General principles
<b>ISO/CD 22526-2</b>	Plastics -- Carbon and environmental footprint of biobased Plastics -- Part 2: Material carbon footprint, Amount (mass) of CO <sub>2</sub> removed from the air and incorporated into polymer molecule
<b>ISO/CD 22526-3</b>	Plastics -- Carbon and environmental footprint of biobased Plastics -- Part 3: Process carbon footprint, requirements and guidelines for quantification
<b>ISO/NP 22766</b>	Plastics -- Determination of disintegration of non-floating plastic materials in marine habitats under real field conditions
<b>ISO/CD 26723</b>	Plastics -- Determination of total luminous transmittance and reflectance

### **ISO/TC 61/SC 6 Ageing, chemical and environmental resistance**

Secretary: Mrs Miriam Stoelzel DIN

Chairperson: Mrs Anja Geburtig

**ISO/TC 61/SC 6/WG 2** Exposure to light

**Convenor: Mr. Artur Schönlein**

**ISO/TC 61/SC 6/WG 3** Various exposures

**Convenor: Mr. Yang In Mo**

**ISO/TC 61/SC 6/WG 7** Basic standards

**Convenor: Mr. Oscar Cordo**

### **Work programme ISO/TC 61/SC6**

<b>ISO/CD 846</b>	Plastics -- Evaluation of the action of microorganisms
<b>ISO/DIS 877-3</b>	Plastics -- Methods of exposure to solar radiation -- Part 3: Intensified weathering using concentrated solar radiation
<b>ISO/NP TR 18486</b>	Plastics -- Parameters comparing the spectral irradiance of a laboratory light source for weathering applications to a reference solar spectral irradiance
<b>ISO/DIS 15314</b>	Plastics -- Methods for marine exposure
<b>ISO/CD 21475</b>	Plastics -- Methods of exposure to determine degradation using spectral radiation
<b>ISO/AWI 21488</b>	Plastics -- Test method for accelerated outdoor weathering of polyolefin
<b>ISO/CD 21702</b>	Measurement of antiviral activity on plastics and other non-porous surfaces

### **ISO/TC 61/SC 9 Thermoplastic materials**

Secretary: Mr Myung Cheon Lee KATS

Chairperson: Ph.D. Chul Rim Choe

**ISO/TC 61/SC 9/WG 6** Polyolefins

**Convener: Ahmad Khairuddin Shaaban**

**ISO/TC 61/SC 9/WG 7** Styrene polymers

**Convener: Mr. Huum Omloo**

**ISO/TC 61/SC 9/WG 8** Polyamides  
**Convener: Mr. Huum Omloo**

**ISO/TC 61/SC 9/WG 14** Polymer dispersions

**ISO/TC 61/SC 9/WG 15** Polycarbonate  
**Convener: Mr. Klaus Frericks**

**ISO/TC 61/SC 9/WG 17** Thermoplastic polyesters  
**Convener: Mr. Tomoyuki Emura**

**ISO/TC 61/SC 9/WG 18** Preparation of test specimens  
**Convener: Mr. Hongyuan Chen**

**ISO/TC 61/SC 9/WG 20** Poly(vinyl chloride)  
**Convener: Mr. Sunmok Lee**

**ISO/TC 61/SC 9/WG 21** Polyoxymethylene  
**Convener: Mr. Mitsuru Yokouchi**

**ISO/TC 61/SC 9/WG 22** PTFE raw materials and products  
**Convener: Mr. George Lin**

**ISO/TC 61/SC 9/WG 23** Polymers and copolymers of vinyl alcohol  
**Convener: Mr. Robert Fuss**

**ISO/TC 61/SC 9/WG 24** Polyphenylene ethers

**ISO/TC 61/SC 9/WG 25** Polyketones  
**Convener: Mr. Yong Su Kim**

**ISO/TC 61/SC 9/WG 26** Thermoplastic elastomers  
**Convener: Mr. Huum Omloo**

#### **Work programme ISO/TC61/SC9**

<b>ISO/DIS 294-2</b>	Plastics -- Injection moulding of test specimens of thermoplastic materials -- Part 2: Small tensile bars
<b>ISO DIS 294-4</b>	Plastics -- Injection moulding of test specimens of thermoplastic materials -- Part 4: Determination of moulding shrinkage
<b>ISO 294-5</b>	Plastics -- Injection moulding of test specimens of thermoplastic materials -- Part 5: Preparation of standard specimens for investigating anisotropy
<b>ISO/DIS 305</b>	Plastics -- Determination of thermal stability of poly(vinyl chloride), related chlorine-containing homopolymers and copolymers and their compounds -- Discoloration method
<b>ISO/DIS 307</b>	Plastics -- Polyamides -- Determination of viscosity number
<b>ISO/DIS 1147</b>	Plastics/rubber -- Polymer dispersions and synthetic rubber latices -- Freeze-thaw cycle stability test
<b>ISO/DIS 1598</b>	Plastics - Cellulose acetate -- Determination of insoluble particles
<b>ISO/DIS 1599</b>	Plastics -- Cellulose acetate -- Determination of viscosity loss on moulding

<b>ISO/DIS 1628-4</b>	Plastics -- Determination of the viscosity of polymers in dilute solution using capillary viscometers -- Part 4: Polycarbonate (PC) moulding and extrusion materials
<b>ISO/DIS 2818</b>	Plastics -- Preparation of test specimens by machining
<b>ISO/DIS 4574</b>	Plastics -- PVC resins for general use -- Determination of hot plasticizer absorption
<b>ISO/DIS 4577</b>	Plastics -- Polypropylene and propylene-copolymers -- Determination of thermal oxidative stability in air -- Oven method
<b>ISO/DIS 4612</b>	Plastics -- Preparation of PVC pastes for test purposes -- Planetary-mixer
<b>ISO/DIS 9113</b>	Plastics -- Polypropylene (PP) and propylene-copolymer thermoplastics -- Determination of isotactic index
<b>ISO/DIS 15023-2</b>	Plastics -- Poly(vinyl alcohol) (PVAL) materials -- Part 2: Determination of properties
<b>ISO/CD 16770-1</b>	Plastics -- Determination of environmental stress cracking (ESC) of polyethylene -- Full-notch creep test (FNCT) -- Part 1: Standard method
<b>ISO/CD 19062-2</b>	Plastics -- Acrylonitrile-butadiene-styrene (ABS) moulding and extrusion materials -- Part 2: Preparation of test specimens and determination of properties
<b>ISO/CD 19065-2</b>	Plastics -- Acrylonitrile-styrene-acrylate (ASA), acrylonitrile-(ethylene-propylene-diene)-styrene (AEPDS) and acrylonitrile-(chlorinated polyethylene)-styrene (ACS) moulding and extrusion materials -- Part 2: Preparation of test specimens and determination of properties
<b>ISO 20029-1</b>	Plastics -- Thermoplastic polyester/ester and polyether/ester elastomers for moulding and extrusion -- Part 1: Designation system and basis for specification
<b>ISO 20029-2</b>	Plastics -- Thermoplastic polyester/ester and polyether/ester elastomers for moulding and extrusion -- Part 2: Preparation of test specimen and determination of properties
<b>ISO/DIS 20557-1</b>	Plastics -- Poly(phenylene ether) (PPE) moulding and extrusion materials -- Part 1: Designation system and basis for specifications
<b>ISO/DIS 20557-2</b>	Plastics -- Poly(phenylene ether) (PPE) moulding and extrusion materials -- Part 2: Preparation of test specimen and determination of properties
<b>ISO/DIS 20558-1</b>	Plastics -- Poly(phenylene sulfide) (PPS) moulding and extrusion materials -- Part 1: Designation system and basis for specifications
<b>ISO/DIS 20558-2</b>	Plastics -- Poly(phenylene sulfide) (PPS) moulding and extrusion materials -- Part 2: Preparation of test specimen and determination of properties
<b>ISO/DIS 21301-1</b>	Plastics -- Ethylene/vinyl acetate (E/VAC) moulding and extrusion materials -- Part 1: Designation and specification

<b>ISO/DIS 21301-2</b>	Plastics -- Ethylene/vinyl acetate (E/VAC) moulding and extrusion materials -- Part 2: Preparation of test specimens and determination of properties
<b>ISO/CD 21302-1</b>	Plastics -- Polybutene-1 (PB-1) moulding and extrusion materials -- Part 1: Designation system and basis for specifications
<b>ISO/CD 21302-2</b>	Plastics -- Polybutene-1 (PB-1) moulding and extrusion materials -- Part 2: Preparation of test specimens and determination of properties
<b>ISO/DIS 21304-1</b>	Plastics -- Ultra-high-molecular-weight polyethylene (PE-UHMW) moulding and extrusion materials -- Part 1: Designation system and basis for specifications
<b>ISO/DIS 21305-1</b>	Plastics -- Polycarbonate (PC) moulding and extrusion materials -- Part 1: Designation system and basis for specifications
<b>ISO/DIS 21305-2</b>	Plastics -- Polycarbonate (PC) moulding and extrusion materials -- Part 2: Preparation of test specimens and determination of properties
<b>ISO/CD 21306-1</b>	Plastics -- Unplasticized poly(vinyl chloride) (PVC-U) moulding and extrusion materials -- Part 1: Designation system and basis for specifications
<b>ISO/CD 21306-2</b>	Plastics -- Unplasticized poly(vinyl chloride) (PVC-U) moulding and extrusion materials -- Part 2: Preparation of test specimens and determination of properties
<b>ISO/DIS 21309-1</b>	Plastics -- Ethylene/vinyl alcohol (EVOH) copolymer moulding and extrusion materials -- Part 1: Designation system and basis for specifications
<b>ISO/CD 21309-2</b>	Plastics -- Ethylene/vinyl alcohol (EVOH) copolymer moulding and extrusion materials -- Part 2: Preparation of test specimens and determination of properties
<b>ISO/DIS 21970-1</b>	Plastics -- Polyketone (PK) moulding and extrusion materials -- Part 1: Designation system and basis for specifications
<b>ISO/DIS 21970-2</b>	Plastics -- Polyketone (PK) moulding and extrusion materials -- Part 2: Preparation of test specimens and determination of properties
<b>ISO/FDIS 29988-1</b>	Plastics -- Polyoxymethylene (POM) moulding and extrusion materials -- Part 1: Designation system and basis for specifications
<b>ISO/FDIS 29988-2</b>	Plastics -- Polyoxymethylene (POM) moulding and extrusion materials -- Part 2: Preparation of test specimens and determination of properties

### **ISO/TC 61/SC 10 Cellular plastics**

Secretary: Mr Laverne Dalgleish SCC

Chairperson: Mr Laverne Dalgleish

### **ISO/TC 61/SC 10/AHG 1 Sustainability and environmental performance**

**Convener: Mr. Sunmok Lee**

### **ISO/TC 61/SC 10/WG 10 Joint TC 163/SC 3-TC 61/SC 10 WG : Plastic insulation**

**Convener: Mr. Myung Cheon Lee**

### **ISO/TC 61/SC 10/WG 11 Physical and chemical properties**

**Convener: Mr. Myung Ho Kim**

### **ISO/TC 61/SC 10/WG 12 Mechanical and endurance properties**

**Convener: Mr. Sunwoong Choi**

**ISO/TC 61/SC 10/WG 14** Products and materials  
**Convener: Mr. Sunwoong Choi**

**Work programme ISOTC61/SC10**

<b>ISO/DIS 1922</b>	Rigid cellular plastics -- Determination of shear strength
<b>ISO/FDIS 4898</b>	Rigid cellular plastics -- Thermal insulation products for buildings -- Specifications
<b>ISO/FDIS 7214</b>	Cellular plastics -- Polyethylene -- Methods of test
<b>ISO/DIS 17880</b>	Cellular plastic -- Self-supporting metal faced sandwich panels -- Complementary element
<b>ISO/FDIS 21844</b>	Cellular plastics -- Cellulose foam thermal insulation material- Specifications

**ISO/TC 61/SC 11 Products**

Secretary: Mr. Shinji Date JISC  
Chairperson: Mr. Yukihiko Suematsu

**ISO/TC 61/SC 11/WG 2** Decorative laminates and solid surfacing materials  
**Convener: Mr. John Sow**

**ISO/TC 61/SC 11/WG 3** Plastics films and sheeting  
**Convener: Mr. Kazukiyo Nogai**

**ISO/TC 61/SC 11/WG 5** Polymeric adhesives  
**Convener: Mr. Gareth C. McGrath**

**ISO/TC 61/SC 11/WG 11** Wood-plastic composites  
**Convener: Pof. Juseok Oh**

**ISO/TC 61/SC 11/WG 12** Superabsorbent resin  
**Convener: Mr. Hui Sun**

**Work programme ISO/TC61/SC11**

<b>ISO/DIS 527-3</b>	Plastics -- Determination of tensile properties -- Part 3: Test conditions for films and sheets
<b>ISO/DIS 4586-1</b>	High-pressure decorative laminates (HPL, HPDL) -- Sheets based on thermosetting resins (Usually called Laminates) -- Part 1: Introduction and general information
<b>ISO/DIS 4586-2</b>	High-pressure decorative laminates (HPL, HPDL) -- Sheets based on thermosetting resins (Usually called Laminates) -- Part 2: Determination of properties
<b>ISO/DIS 4586-3</b>	High-pressure decorative laminates (HPL, HPDL) -- Sheets based on thermosetting resins (Usually called Laminates) -- Part 3: Classification and specifications for laminates less than 2 mm thick and intended for bonding to supporting substrates
<b>ISO/DIS 4586-4</b>	High-pressure decorative laminates (HPL, HPDL) -- Sheets based on thermosetting resins (Usually called Laminates) -- Part 4: Classification and specifications for compact laminates of thickness 2 mm and greater

<b>ISO/DIS 4586-5</b>	High-pressure decorative laminates (HPL, HPDL) -- Sheets based on thermosetting resins (Usually called Laminates) – Part 5: Classification and specifications for flooring grade laminates less than 2 mm thick intended for bonding to supporting substrates
<b>ISO/DIS 4586-6</b>	High-pressure decorative laminates (HPL, HPDL) -- Sheets based on thermosetting resins (Usually called Laminates) – Part 6: Classification and specifications for exterior-grade compact laminates of thickness 2 mm and greater
<b>ISO/DIS 4586-7</b>	High-pressure decorative laminates (HPL, HPDL) -- Sheets based on thermosetting resins (Usually called Laminates) – Part 7: Classification and specifications for design laminates
<b>ISO/DIS 4586-8</b>	High-pressure decorative laminates (HPL, HPDL) -- Sheets based on thermosetting resins (Usually called Laminates) – Part 8: Classification and specifications for alternative core laminates
<b>ISO 6237</b>	Adhesives -- Wood-to-wood adhesive bonds -- Determination of shear strength by tensile loading
<b>ISO /DIS 6238</b>	Adhesives - Wood-to-wood adhesive bonds -- Determination of shear strength by compressive loading
<b>ISO/DIS 11502</b>	Plastics -- Film and sheeting -- Determination of blocking resistance
<b>ISO/DIS 15527</b>	Plastics -- Compression-moulded sheets of polyethylene (PE-UHMW, PE-HD) -- Requirements and test methods
<b>ISO/NP 19095-5</b>	Plastics -- Evaluation of the adhesion interface performance in plastic-metal assemblies -- Part 5: Part 5:Fracture toughness(KIC and GIC)
<b>ISO 19821</b>	Determination of span rating for natural fiber-reinforced plastic composite (NFC) deck boards
<b>ISO/DIS 20819</b>	Product specification for wood plastic recycled composites
<b>ISO/NP 21194</b>	Structural adhesives -- Testing of adhesively bonded joints -- Bead peel test
<b>ISO/CD 21760-1</b>	Adhesives for organic electronic devices -- Determination of water vapour transmission rate -- Part 1: Adhesive film preparation method
<b>ISO/CD 21760-2</b>	Adhesives for organic electronic devices -- Determination of water vapour transmission rate -- Part 2: Edge seal method
<b>ISO/NP 22631</b>	Adhesives -- Test method for adhesives for floor and wall coverings -- Peel test
<b>ISO/NP 22632</b>	Adhesives -- Test method for adhesives for floor and wall coverings -- Shear test
<b>ISO/NP 22633</b>	Adhesives -- Test methods for adhesives for floor coverings and wall coverings -- Determination of the dimensional changes of a linoleum floor covering in contact with an adhesive
<b>ISO/NP 22635</b>	Adhesives -- Test method for adhesives for plastic or rubber floor coverings or wall coverings -- Determination of dimensional changes after accelerated ageing



<b>ISO/NP 22636</b>	Adhesives -- Adhesives for floor coverings -- Requirements for mechanical and electrical performance
<b>ISO/NP 22637</b>	Test of adhesive for floor covering -- Determination of the electrical resistance of adhesive films and composites
<b>ISO/DIS 25179</b>	Adhesives -- Determination of the solubility of water-soluble or alkali-soluble pressure-sensitive adhesives
<b>ISO/FDIS 29862</b>	Self adhesive tapes -- Determination of peel adhesion properties
<b>ISO/FDIS 29863</b>	Self adhesive tapes -- Measurement of static shear adhesion
<b>ISO/FDIS 29864</b>	Self adhesive tapes -- Measurement of breaking strength and elongation at break

### **ISO/TC 61/SC 12 Thermosetting materials**

Secretary: Mr Hidenori Kaya JISC

Chairperson: Dr Satoshi Yamasaki

#### **ISO/TC 61/SC 12/WG 2 Phenolic resins**

**Convener: Mr. Kazutaka Masaoka**

#### **ISO/TC 61/SC 12/WG 5 Unsaturated polyesters, epoxy resins and other resins**

**Convener: Mr. Yasushi Takahashi**

#### **ISO/TC 61/SC 12/WG 6 Polyurethane raw materials**

**Convener: Mr. Thomas Conti**

### **Work programme ISO/TC61/SC12**

<b>ISO/DIS 14322</b>	Plastics -- Epoxy resins -- Determination of degree of crosslinking of crosslinked epoxy resins by differential scanning calorimetry
<b>ISO/CD 21257</b>	Plastics -- Polymer Polyols for use in the production of polyurethane -- Determination of the residual acrylonitrile and styrene monomer content by gas chromatography
<b>ISO 20368</b>	Plastics -- Epoxy resins -- Determination of degree of crosslinking of crosslinked epoxy resins by Fourier transfer infrared (FTIR) spectroscopy

### **ISO/TC 61/SC 13 Composites and reinforcement fibres**

Secretary: Mr Ryo Saito JISC

Chairperson: Dr Masaki Hojo

#### **ISO/TC 61/SC 13/WG 1 Reinforcements and reinforcement products**

**Convener: Mr. Koji Yamaguchi**

#### **ISO/TC 61/SC 13/WG 2 Laminates and moulding compounds**

**Convener: Mr. Graham D Sims**

**Work programme ISO TC 61/SC13**

<b>ISO 2797</b>	Textile glass -- Rovings -- Basis for a specification
<b>ISO 5025</b>	Reinforcement products -- Woven fabrics -- Determination of width and length
<b>ISO/CD 10352</b>	Fibre-reinforced plastics -- Moulding compounds and prepregs -- Determination of mass per unit area
<b>ISO/DIS 11567</b>	Carbon fibre -- Determination of filament diameter and cross-sectional area
<b>ISO/DIS 19927</b>	Fibre-reinforced plastic composites -- Determination of interlaminar strength and modulus by double beamshear test
<b>ISO/CD 20144</b>	Fibre-reinforced plastic composites -- Standard qualification plan
<b>ISO/CD 20337</b>	Fibre-reinforced plastic composites -- Shear test method using a shear frame for the determination of the in-plane shear stress/shear strain response and shear modulus
<b>ISO/NP 20975-1</b>	Carbon-fibre-reinforced plastics -- Methods for measurement of through-thickness laminate properties -- Part 1: Direct tension and compression
<b>ISO/DIS 20975-2</b>	Carbon-fibre-reinforced plastics -- Methods for measurement of through-thickness laminate properties -- Part 2: Considering size effects by flexural test
<b>ISO/CD 21746</b>	Composites and metal assemblies -- Galvanic corrosion tests of carbon fibre reinforced plastics (CFRPs) related bonded or fastened structures in artificial atmospheres -- Salt spray tests
<b>ISO/NP 22821</b>	Carbon-fibre-reinforced composites -- Determination of fibre weight content -- By thermogravimetry (TG)
<b>ISO/NP 22836</b>	Carbon fibre-reinforced composites -- Method for accelerated moisture absorption and supersaturated conditioning by moisture using sealed pressure vessel
<b>ISO/NP 22838</b>	Composites and reinforcements fibres — Determination of the fracture toughness of bonded plates of carbon fibre reinforced plastics (CFRPs) and metal using double cantilever beam specimens
<b>ISO/NP 22841</b>	Composites and reinforcements fibres — Carbon fibre reinforced plastics(CFRPs) and metal assemblies — Determination of the tensile lap-shear strength
<b>ISO 30012:2016/CD Amd 1</b>	

Secretary: Mrs Dr Miriam Stoelzel  
Chairperson: Mr Dr Eric W. Bischof

**ISO/TC 138 Plastics pipes, fittings and valves for the transport of fluids**

Secretary: Mr Hiroshi Kamata  
Chairperson: Mr Shigeki Fujii

**ISO/TC 138/AG 0** Advisory group  
Convener: **Mr. Ikuro Narisawa**

**ISO/TC 138/WG 8** Basic geometrical characteristics of thermoplastics pipes  
Convener: **Mr. Karl-Johan Ström**

**Work programme ISO/TC 138**

<b>ISO/PRF 161-1</b>	Thermoplastics pipes for the conveyance of fluids -- Nominal outside diameters and nominal pressures -- Part 1: Metric series
<b>ISO/FDIS 4065</b>	Thermoplastics pipes -- Universal wall thickness table
<b>ISO/PRF 11922-1</b>	Thermoplastics pipes for the conveyance of fluids -- Dimensions and tolerances -- Part 1: Metric series

**ISO/TC 138/SC 1 Plastics pipes and fittings for soil, waste and drainage (including land drainage)**

Secretary: Mme Anna Baranski AFNOR  
Chairperson: M. Michel Divanach

**ISO/TC 138/SC 1/WG 1** Discharge systems inside buildings  
Convener: **Mr. Georg Yaubert**

**ISO/TC 138/SC 1/WG 4** Plastics piping systems for underground drainage and sewerage  
Convener: **Mr. Peter Verlaan**

**ISO/TC 138/SC 1/WG 6** Specific test methods for soil, waste and drainage plastic piping systems  
Convener: **Mr. Yan Archambeau**

**Work programme ISOTC138/SC1**

<b>ISO/CD 13257</b>	Thermoplastics piping systems for non-pressure applications -- Test method for resistance to elevated temperature cycling
<b>ISO/DIS 13259</b>	Thermoplastics piping systems for underground non-pressure applications -- Test method for leaktightness of elastomeric sealing ring type joints
<b>ISO/DIS 19469-1</b>	Plastic piping systems for non pressure underground drainage -- Single wall corrugated piping systems of polyethylene (PE), polypropylene (PP) and unplasticized poly(vinyl chloride) (PVC-U) -- Part 1: General requirements and performance characteristics

<b>ISO/DIS 19469-3</b>	Plastic piping systems for non pressure underground drainage - Single wall corrugated piping systems of polyethylene (PE), polypropylene (PP) and unplasticized poly(vinyl chloride) (PVC-U) -- Part 3: Pipes and fittings for deep burial installations
<b>ISO/CD 21138-1</b>	Plastics piping systems for non-pressure underground drainage and sewerage -- Structured-wall piping systems of unplasticized poly(vinyl chloride) (PVC-U), polypropylene (PP) and polyethylene (PE) -- Part 1: Material specifications and performance criteria for pipes, fittings and system
<b>ISO/DIS 21138-2</b>	Plastics piping systems for non-pressure underground drainage and sewerage -- Structured-wall piping systems of unplasticized poly(vinyl chloride) (PVC-U), polypropylene (PP) and polyethylene (PE) -- Part 2: Pipes and fittings with smooth external surface, Type A
<b>ISO/DIS 21138-3</b>	Plastics piping systems for non-pressure underground drainage and sewerage -- Structured-wall piping systems of unplasticized poly(vinyl chloride) (PVC-U), polypropylene (PP) and polyethylene (PE) -- Part 3: Pipes and fittings with non-smooth external surface, Type B

**ISO/TC 138/SC 2 Plastics pipes and fittings for water supplies**

Secretary: Mrs Ruth Schneider SNV

Chairperson: Mr Urs Amacher

**ISO/TC 138/SC 2/WG 1** Plastics piping systems for hot and cold water applications

**Convener: Mr. Georg Yaubert**

**ISO/TC 138/SC 2/WG 2** Plastics piping systems for irrigation

**Convener: Mr. Rami Margalit**

**ISO/TC 138/SC 2/WG 4** PE piping systems for water supply

**Convener: Mr. Michel Divanach**

**Work programme ISO/TC138/SC2**

<b>ISO/NP 4427-1</b>	Plastics piping systems -- Polyethylene (PE) pipes and fittings for water supply -- Part 1: General
<b>ISO/NP 4427-2</b>	Plastics piping systems -- Polyethylene (PE) pipes and fittings for water supply -- Part 2: Pipes
<b>ISO/NP 4427-3</b>	Plastics piping systems -- Polyethylene (PE) pipes and fittings for water supply -- Part 3: Fittings
<b>ISO/NP 4427-5</b>	Plastics piping systems -- Polyethylene (PE) pipes and fittings for water supply -- Part 5: Fitness for purpose of the system
<b>ISO/DIS 8779</b>	Plastics piping systems -- Polyethylene (PE) pipes for irrigation -- Specifications
<b>ISO/CD 9624</b>	Thermoplastics pipes for fluids under pressure -- Mating dimensions of flange adapters and loose backing flanges
<b>ISO 10508:2006/DAmD 1</b>	
<b>ISO 15874-2:2013/DAmD 1</b>	
<b>ISO 15874-3:2013/D AmD 1</b>	
<b>ISO 15874-5:2013/D AmD 1</b>	

<b>ISO/NP TS 15874-7</b>	Plastics piping systems for hot and cold water installations -- Polypropylene (PP) -- Part 7: Guidance for the assessment of conformity
<b>ISO/NP TS 15875-7</b>	Plastics piping systems for hot and cold water installations -- Crosslinked polyethylene (PE-X) -- Part 7: Guidance for the assessment of conformity
<b>ISO/NP TS 15876-7</b>	Plastics piping systems for hot and cold water installations -- Polybutene (PB) -- Part 7: Guidance for the assessment of conformity
<b>ISO/NP TS 15877-7</b>	Plastics piping systems for hot and cold water installations -- Chlorinated poly(vinyl chloride) (PVC-C) -- Part 7: Guidance for the assessment of conformity
<b>ISO/NP TS 21003-7</b>	Multilayer piping systems for hot and cold water installations inside buildings -- Part 7: Guidance for the assessment of conformity
<b>ISO/CD TS 22391-7</b>	Plastics piping systems for hot and cold water installations -- Polyethylene of raised temperature resistance (PE-RT) -- Part 7: Guidance for the assessment of conformity

### **ISO/TC 138/SC 3 Plastics pipes and fittings for industrial applications**

Secretary: Mr Gianluigi Moroni UNI

Chairperson: Mr Oleg Clericuzio

**ISO/TC 138/SC 3/WG 7** Revision of industrial application standards

**Convener: Mr. Andreas Neubert**

#### **Work programme ISO/TC 138/SC3**

<b>ISO/AWI 22101-1</b>	Plastics piping systems for industrial applications -- Glass fibre reinforced polyethylene (PE-GF) -- Part 1: General
<b>ISO/AWI 22101-2</b>	Plastics piping systems for industrial applications -- Glass fibre reinforced -- Part 2: Pipes

### **ISO/TC 138/SC 4 Plastics pipes and fittings for the supply of gaseous fuels**

Secretary: Mr Bert Wikkerink NEN

Chairperson: Mr Ernst van der Stok

**ISO/TC 138/SC 4/WG 2** Fusion of PE Pipe Systems

**Convener: Mr. Pierpaolo Frassine**

**ISO/TC 138/SC 4/WG 6** Butt Fusion Procedures

**Convener: Mr. Ted Striplin**

**ISO/TC 138/SC 4/WG 7** Polyamid Pipe Systems

**Convener: Hermann van Laak**

**ISO/TC 138/SC 4/WG 10** Natural compound and colouring masterbatch & specification

**Convener: Ms. Sarah Patterson**

#### **Work programme ISO/TC138/SC4**

<b>ISO/WD 12176-5</b>	Plastics pipes and fittings -- Equipment for fusion jointing polyethylene systems -- Part 5: Two-dimensional data coding of components for polyethylene(PE) piping systems
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<b>ISO/NP 16486-1</b>	Plastics piping systems for the supply of gaseous fuels -- Unplasticized polyamide (PA-U) piping systems with fusion jointing and mechanical jointing -- Part 1: General
<b>ISO/NP 16486-2</b>	Plastics piping systems for the supply of gaseous fuels -- Unplasticized polyamide (PA-U) piping systems with fusion jointing and mechanical jointing -- Part 2: Pipes
<b>ISO/NP 16486-3</b>	Plastics piping systems for the supply of gaseous fuels -- Unplasticized polyamide (PA-U) piping systems with fusion jointing and mechanical jointing -- Part 3: Fittings
<b>ISO/NP 16486-5</b>	Plastics piping systems for the supply of gaseous fuels -- Unplasticized polyamide (PA-U) piping systems with fusion jointing and mechanical jointing -- Part 5: Fitness for purpose of the system
<b>ISO/NP 16486-6</b>	Plastics piping systems for the supply of gaseous fuels -- Unplasticized polyamide (PA-U) piping systems with fusion jointing and mechanical jointing -- Part 6: Code of practice for design, handling and installation
<b>ISO 21307</b>	Plastics pipes and fittings -- Butt fusion jointing procedures for polyethylene (PE) piping systems

**ISO/TC 138/SC 5 General properties of pipes, fittings and valves of plastic materials and their accessories -- Test methods and basic specifications**

Secretary: Mrs Willemien Bosch NEN

Chairperson: Mr Thomas Kratochvilla

**ISO/TC 138/SC 5/WG 2** PVC pipes

**Convener: Mr. Andrew Ryall**

**ISO/TC 138/SC 5/WG 5** Polyolefin pipes

**Convener: Mr. Steve Beech**

**ISO/TC 138/SC 5/WG 12** Polyolefin pipe fitting assemblies

**Convener: Mr. Joris Vienne**

**ISO/TC 138/SC 5/WG 17** Alternative test methods

**Convener: Mr. Sunwoong Choi**

**ISO/TC 138/SC 5/WG 20** Slow crack growth (SCG)

**Convener: Mr. Steve Beech**

**Work programme ISO/TC 138/SC5**

<b>ISO/NP 6259-2</b>	Thermoplastics pipes -- Determination of tensile properties -- Part 2: Pipes made of unplasticized poly(vinyl chloride) (PVC-U), oriented unplasticized poly(vinyl chloride) (PVC-O), chlorinated poly(vinyl chloride) (PVC-C) and high-impact poly(vinyl chloride) (PVC-HI)
<b>ISO/DIS 6964</b>	Polyolefin pipes and fittings -- Determination of carbon black content by calcination and pyrolysis -- Test method and basic specification
<b>ISO/DIS 10146</b>	Crosslinked polyethylene (PE-X and PE-MDX) -- Effect of time and temperature on expected strength

<b>ISO/DIS 11413</b>	Plastics pipes and fittings -- Preparation of test piece assemblies between a polyethylene (PE) pipe and an electrofusion fitting
<b>ISO/AWI TS 16943</b>	Plastics piping systems for the supply of gaseous fuels -- On site inspection of PE electrofusion joints using Non Destructive Testing (NDT)
<b>ISO/ AWI TS 22499</b>	Thermoplastic pipes for the conveyance of fluids -- Inspection of polyethylene butt fusion joints using phased array ultrasonic testing

### **ISO/TC 138/SC 6 Reinforced plastics pipes and fittings for all applications**

Secretary: Mr Jochen Fornather ASI

Chairperson: Mr Thomas Simoner

#### **ISO/TC 138/SC 6/TG 1 Design and test methods**

**Convener: Mr. Thomas Simoner**

#### **ISO/TC 138/SC 6/WG 1 Methods of test**

**Convener: Mr. Lee Pearson**

#### **ISO/TC 138/SC 6/WG 3 Specifications for pipe systems**

**Convener: Mr. Thomas Simoner**

#### **ISO/TC 138/SC 6/WG 5 Installation**

**Convener: Mr. J. Brakel**

#### **Work programme ISO/TC138/SC6**

<b>ISO/DIS 7432.2</b>	Glass-reinforced thermosetting plastics (GRP) pipes and fittings -- Test methods to prove the design of locked socket-and-spigot joints, including double-socket joints, with elastomeric seals
<b>ISO/WD 7685</b>	Plastics piping systems -- Glass-reinforced thermosetting plastics (GRP) pipes -- Determination of initial specific ring stiffness
<b>ISO/DIS 8483</b>	Plastics piping systems for pressure and non-pressure drainage and sewerage -- Glass-reinforced thermosetting plastics (GRP) systems based on unsaturated polyester (UP) resin -- Test methods to prove the design of bolted flange joints
<b>ISO/NP 8521</b>	Plastics piping systems -- Glass-reinforced thermosetting plastics (GRP) pipes -- Test methods for the determination of the apparent initial circumferential tensile strength
<b>ISO/DIS 8533</b>	Plastics piping systems for pressure and non-pressure drainage and sewerage -- Glass-reinforced thermosetting plastics (GRP) systems based on unsaturated polyester (UP) resin -- Test methods to prove the design of cemented or wrapped joints
<b>ISO/DIS 10467</b>	Plastics piping systems for pressure and non-pressure drainage and sewerage -- Glass-reinforced thermosetting plastics (GRP) systems based on unsaturated polyester (UP) resin



<b>ISO/DIS 10468</b>	Glass-reinforced thermosetting plastics (GRP) pipes -- Determination of the long-term specific ring creep stiffness under wet conditions and calculation of the wet creep factor
<b>ISO/DIS 10471</b>	Glass-reinforced thermosetting plastics (GRP) pipes -- Determination of the long-term ultimate bending strain and the long-term ultimate relative ring deflection under wet conditions
<b>ISO/NP TS 10986</b>	Plastics piping systems -- Glass-reinforced thermosetting plastics (GRP) pipes -- System design of above ground pipe and joint installations without end thrust

### **ISO/TC 138/SC 7 Valves and auxiliary equipment of plastics materials**

Secretary: Mr Gianluigi Moroni UNI

Chairperson: Mr Oleg Clericuzio

#### **Work programme ISO TC138/SC7**

<b>ISO/NP 8659</b>	Thermoplastics valves -- Fatigue strength -- Test method
<b>ISO 16135:2006/CD Amd1</b>	Industrial valves -- Ball valves of thermoplastics materials
<b>ISO 16136:2006/CD Amd1</b>	Industrial valves -- Butterfly valves of thermoplastics materials
<b>ISO 16137:2006/CD Amd1</b>	Industrial valves -- Check valves of thermoplastics materials
<b>ISO 16138:2006/CD Amd1</b>	Industrial valves -- Diaphragm valves of thermoplastics materials
<b>ISO 16139:2006/CD Amd1</b>	Industrial valves -- Gate valves of thermoplastics materials
<b>ISO 21787:2006/CD Amd1</b>	Industrial valves -- Globe valves of thermoplastics materials

### **ISO/TC 138/SC 8 Rehabilitation of pipeline systems**

Secretary: Mr Tomonori Yamaji JISC

Chairperson: Dr John Gumbel

#### **ISO/TC 138/SC 8/AHG 1 Harmonization**

**Convener: Mr. John Gumbel**

#### **ISO/TC 138/SC 8/WG 1 Classification and information on design and applications of plastics piping systems used for pipeline rehabilitation**

**Convener: Mr. Wim Elzink**

#### **ISO/TC 138/SC 8/WG 2 Plastics piping systems for rehabilitation of underground drainage and sewerage networks (non-pressure and pressure)**

**Convener: Mr. Jörg Brunecker**

#### **ISO/TC 138/SC 8/WG 3 Plastics piping systems for rehabilitation of underground water supply networks**

**Convener: Mr. Mike Shepherd**

#### **ISO/TC 138/SC 8/WG 4 Plastics piping systems for rehabilitation of underground gas supply networks**

**Convener: Mr. Hyoung San Kye**



**ISO/TC 138/SC 8/WG 5** Plastics piping systems for trenchless replacement of underground pipeline networks

**Convener: Mr. Win Elzink**

**ISO/TC 138/SC 8/WG 6** Assessment of conformity of plastics piping systems used for rehabilitation

**Convener: Mr. Win Elzink**

### Work programme ISO/TC138/SC8

<b>ISO/PRF 11296-1</b>	Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks -- Part 1: General
<b>ISO 11296-2</b>	Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks -- Part 2: Lining with continuous pipes
<b>ISO/DIS 11296-3</b>	Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks -- Part 3: Lining with close-fit pipes
<b>ISO/FDIS 11296-4</b>	Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks -- Part 4: Lining with cured-in-place pipes
<b>ISO/DIS 11296-7</b>	Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks -- Part 7: Lining with spirally-wound pipes
<b>ISO/PRF 11297-1</b>	Plastics piping systems for renovation of underground drainage and sewerage networks under pressure -- Part 1: General
<b>ISO 11297-2</b>	Plastics piping systems for renovation of underground drainage and sewerage networks under pressure -- Part 2: Lining with continuous pipes
<b>ISO/DIS 11297-3</b>	Plastics piping systems for renovation of underground drainage and sewerage networks under pressure -- Part 3: Lining with close-fit pipes
<b>ISO/FDIS 11297-4</b>	Plastics piping systems for renovation of underground drainage and sewerage networks under pressure -- Part 4: Lining with cured-in-place pipes
<b>ISO/PRF 11298-1</b>	Plastics piping systems for renovation of underground water supply networks -- Part 1: General
<b>ISO 11298-2</b>	Plastics piping systems for renovation of underground water supply networks -- Part 2: Lining with continuous pipes
<b>ISO/DIS 11298-3</b>	Plastics piping systems for renovation of underground water supply networks -- Part 3: Lining with close-fit pipes
<b>ISO/DIS 11299-1</b>	Plastics piping systems for renovation of underground gas supply networks -- Part 1: General
<b>ISO/DIS 11299-2</b>	Plastics pipes and fittings -- Plastics pipes and their constituents (all relevant materials) for renovation of underground gas supply networks -- Part 2: Lining with continuous pipes
<b>ISO/DIS 11299-3</b>	Plastics piping systems for renovation of underground gas supply networks -- Part 3: Lining with close-fit pipes
<b>ISO/FDIS 21225-1</b>	Plastics piping systems for the trenchless replacement of underground pipeline networks -- Part 1: Replacement on the line by pipe bursting and pipe extraction
<b>ISO/FDIS 21225-2</b>	Plastics piping systems for the trenchless replacement of underground pipeline networks -- Part 2: Replacement off the line by horizontal directional drilling and impact moling

### ISO/TC 219 Floor coverings

Secretary: Ms Karin Eufinger (NBN)

Chairperson: Mr. F.W. Seifert

## WORK PROGRAMME

<b>ISO/NP 1763</b>	Carpets -- Determination of number of tufts and/or loops per unit length and per unit area
<b>ISO/NP 2551</b>	Machine-made textile floor coverings -- Determination of dimensional changes due to the effects of varied water and heat conditions
<b>ISO 4918:2016/NP Amd 1</b>	
<b>ISO/NP 6356</b>	
	Textile and laminate floor coverings -- Assessment of static electrical propensity -- Walking test
<b>ISO/NP 8543</b>	Textile floor coverings -- Methods for determination of mass
<b>ISO/CD 10361</b>	Textile floor coverings -- Production of changes in appearance by means of Vettermann drum and hexapod tumbler tester
<b>ISO/DIS 10581</b>	Resilient floor coverings -- Homogeneous poly(vinyl chloride) floor covering – Specifications
<b>ISO 10582</b>	Resilient floor coverings -- Heterogeneous poly(vinyl chloride) floor covering -- Specifications
<b>ISO/NP 12951</b>	Textile floor coverings -- Determination of mass loss, fibre bind and stair nosing appearance change using the Lisson Tretrad machine
<b>ISO/NP 13746</b>	Textile floor coverings -- Guidelines for installation and use on stairs
<b>ISO/FDIS 19322</b>	Resilient floor coverings -- Specification for floor coverings based on thermoplastic polymers
<b>ISO/DIS 23999</b>	Resilient floor coverings -- Determination of dimensional stability and curling after exposure to heat
<b>ISO/NP 24337</b>	Laminate floor coverings -- Determination of geometrical characteristics
<b>ISO/DIS 24342</b>	Resilient and textile floor-coverings -- Determination of side length, edge straightness and squareness of tiles
<b>ISO/DIS 24343-2</b>	Resilient and laminate floor coverings -- Determination of indentation and residual indentation -- Part 2: Short-term residual indentation of resilient floor covering
<b>ISO/CD 24343-3</b>	Resilient and laminate floor coverings -- Determination of indentation and residual indentation -- Part 3: Indentation of resilient semi-flexible/vinyl composition tiles

### ISO/TC 261 "Additive manufacturing"

Secretary: Mr M. Eng Benjamin Hein (DIN)

Chairperson: Mr Jörg Lenz

## WORK PROGRAMME

<b>ISO/ASTM CD 52900</b>	Additive manufacturing -- General principles -- Terminology
<b>ISO/ASTM CD 52902</b>	Additive manufacturing -- General principles -- Standard test artifacts
<b>ISO/ASTM DIS 52903-1</b>	Additive manufacturing -- Standard specification for material extrusion based additive manufacturing of plastic materials -- Part 1: Feedstock materials
<b>ISO/ASTM CD 52903-2</b>	Additive manufacturing -- Standard specification for material extrusion based additive manufacturing of plastic materials -- Part 2: Process -- Equipment
<b>ISO/ASTM NP 52903-3</b>	Additive Manufacturing -- Standard Specification for Material Extrusion Based Additive Manufacturing of Plastic Materials -- Part 3: Part 3: Final parts
<b>ISO/ASTM NP 52905</b>	Additive manufacturing -- General principles -- Non-destructive testing of additive manufactured products
<b>ISO/ASTM CD 52907</b>	Additive manufacturing -- Technical specifications on metal powders
<b>ISO/ASTM DIS 52910</b>	Guidelines for additive manufacturing design
<b>ISO/ASTM DIS 52911-1</b>	Additive manufacturing -- Technical design guideline for powder bed fusion -- Part 1: Laser-based powder bed fusion of metals
<b>ISO/ASTM DIS 52911-2</b>	Additive manufacturing -- Technical design guideline for powder bed fusion -- Part 2: Laser-based powder bed fusion of polymers
<b>ISO/ASTM NP TR 52912</b>	Design of functionally graded additive manufactured parts
<b>ISO/ASTM DIS 52915</b>	Specification for additive manufacturing file format (AMF) Version 1.2