

## Annex 1

n° ref	standard method	title / description	keyword	on web	status / comments	Solidity	Flowability	Thixotropic behaviour	Piling behaviour
1	ASAE EP542 FEB99	Procedures for Using and Reporting Data Obtained with the Soil Cone Penetrometer	Soil	webstore.ansi.org		x (-)			
2	ASAE S313.2 DEC94	Soil Cone Penetrometer	Soil	webstore.ansi.org		x (+)			
3	ASAE S313.3 FEB99	Soil Cone Penetrometer	Soil	webstore.ansi.org		x (+)			
4	ASTM C110-02	physical testing of quicklime*							
5	ASTM C1170-91 (1998) e1	Standard Test Methods for Determining Consistency and Density of Roller-Compacted Concrete Using a Vibrating Table	Cementitious & concrete materials; Consistency	www.astm.org; www.beuth.de			x (-)	x (-)	
6	ASTM C1176-92 (1998)	Standard Practice for Making Roller-Compacted Concrete in Cylinder Molds Using a Vibrating Table	Cementitious & concrete materials	www.astm.org;				x (-)	
7	ASTM C1339-02	Standard Test Method for FLOWABILITY and Bearing Area of Chemical-Resistant Polymer Machinery Grouts	Flowability	www.astm.org					
8	ASTM C1362-97 (2002)	flow of ... concrete					x (+)		
9	ASTM C143/C143M-00	Standard Test Method for Slump of Hydraulic Cement Concrete	Cementitious & concrete materials; cement	www.astm.org; webstore.ansi.org			x (+)		x (+)
10	ASTM C1437-01	Standard Test Method for Flow of Hydraulic Cement Mortar	Cementitious & concrete materials; cement	www.astm.org; webstore.ansi.org			x (+)		
11	ASTM C143-74	Standard test method for slump of portland cement concrete** (used for waste consistency)	Consistency	www.astm.org;					x (+)
12	ASTM C1444-00		Flowability				x (-)		
13	ASTM C1445-99	Standard Test Method for Measuring Consistency of Castable Refractory Using a Flow Table	Consistency	webstore.ansi.org			x (+)		
14	ASTM C187-98	Standard Test Method for Normal CONSISTENCY of Hydraulic Cement*	Consistency	www.astm.org;		x (+)			
15	ASTM C191a:2001	Standard Test Method for Time of Setting of Hydraulic Cement by Vicat Needle	Needle	www.beuth.de		x (-)			
16	ASTM C230/C230M-98e2	Standard Specification for Flow Table for Use in Tests of Hydraulic Cement	Cement; flowability	webstore.ansi.org; www.astm.org			x (+)		
17	ASTM C405-82 (1997)	Standard Practice for Estimating Consistency of Wet-Mixed Thermal Insulating Cement	Consistency	webstore.ansi.org; www.beuth.de		x (+)	x (+)		
18	ASTM C472-99	physical testing of gypsum					x (+)		
19	ASTM C639-01	flow properties of elastomeric sealants					x (+)		
20	ASTM C807:1999	Standard Test Method for Time of Setting of Hydraulic Cement Mortar by Modified Vicat Needle	Needle	www.beuth.de		x (+)	x (+)		
21	ASTM C939-97 (opp '99 opp '02)	Standard Test Method for Flow of Grout for Preplaced-Aggregate Concrete (Flow Cone Method)	Cementitious & concrete materials; flowability	www.astm.org			x (+)		
22	ASTM C995-01	Standard Test Method for Time of Flow of Fiber-Reinforced Concrete Through Inverted Slump Cone	Cementitious & concrete materials; flowability	www.astm.org			x (+)		
23	ASTM D1084-97	viscosity of adhesives*					x (+)		
24	ASTM D1092-99	viscosity of lubricating greases					x (-)		
25	ASTM D1238-00		Melt flow index	www.cdcmp.it/testing.html			x (+)		

26	ASTM D1321a:2002	Standard Test Method for Needle Penetration of Petroleum Waxes*	Needle	www.beuth.de					
27	ASTM D1338-99	Standard Practice for Working Life of Liquid or Paste Adhesives by Consistency and Bond Strength*	Consistency	webstore.ansi.org					
28	ASTM D1556-90	Standard test method for Density and Unit Weight of soil in place by the Sand-Cone Method	Soil	www.astm.org					x (-)
29	ASTM D1558-99	Standard Test Method for Moisture Content Penetration Resistance Relationships of Fine-Grained Soils	Soil	webstore.ansi.org				x (+)	
30	ASTM D1586-99	Standard Test Method for Penetration Test and Split-Barrel Sampling of Soils	Soil	webstore.ansi.org			x (-)		
31	ASTM D1601-99	Standard Test Method for Dilute Solution VISCOSITY of Ethylene Polymers	Viscosity	www.astm.org				x (+)	
32	ASTM D1725-62 (1996)e1	viscosity of resin solutions						x (+)	
245	ASTM D1883-99 (-94 )	Standard Test Method for CBR (California Bearing Ratio) of Laboratory-Compacted Soils					x (+)		
33	ASTM D2161-93 (1999)e2	Standard Practice for Conversion of Kinematic VISCOSITY to Saybolt Universal VISCOSITY or to Saybolt Furol VISCOSITY	Viscosity	www.astm.org				x (-)	
247	ASTM D2166: 2000	Standard Test Method for Unconfined Compressive Strength of Cohesive Soil	Unconfined compression strength	www.beuth.de				x (+)	
34	ASTM D2170-01	a viscosity of asphalts						x (+)	
35	ASTM D2171-01	viscosity of asphalts by vacuum capillary viscometers						x (+)	
36	ASTM D217-97	cone penetration of lubricant grease						x (+)	
37	ASTM D2196-81	Standard test methods for rheological properties of non-Newtonian materials by rotational (Brookfield type) viscometer***						x (+)	x (+)
38	ASTM D2217:1985 (1998)	Standard Practice for Wet Preparation of Soil Samples for Particle-Size Analysis and Determination of Soil Constants	Soil	www.beuth.de				x (-)	
39	ASTM D2270-93 (1998)	Standard Practice for Calculating VISCOSITY Index From Kinematic VISCOSITY at 40 and 100°C	Viscosity	www.astm.org				x (+)	
254	ASTM D 2435-96	Standard test method for one-dimensional consolidation properties of soils	Oedometer	www.astm.org					x (+)
40	ASTM D2556-93 a(1997)	viscosity of adhesives ... shear rate dependent flow properties*						x (+)	
41	ASTM D2573:2001	Standard Test Method for Field Vane Shear Test in Cohesive Soil	Soil, Vane	webstore.ansi.org; www.beuth.de				x (+)	
248	ASTM D2850: 2003	Standard Test Method for Unconsolidated-Undrained Triaxial Compression Test on Cohesive Soils	Triaxial strength	www.beuth.de				x (+)	
42	ASTM D2857-95 (2001)	Standard Practice for Dilute Solution VISCOSITY of Polymers	Viscosity	www.astm.org				x (+)	
43	ASTM D2884:1993 (1998)	Standard Test Method for Yield Stress of Heterogeneous Propellants by Cone Penetration Method	Cone	www.beuth.de				x (+)	x (+)
44	ASTM D2983-02a	viscosity of lubricants ... brookfield viscometers						x (+)	
244	ASTM D3080-90	Standard Test Methods for Direct Shear Test of Soil Under Consolidated Drained Condition	Solidity					x (+)	
45	ASTM D3441-98	Standard Test Method for Deep, Quasi-Static, Cone and Friction-Cone Penetration Tests of Soil	Soil	webstore.ansi.org				x (+)	x (+)
46	ASTM D3668:1978 (1985)	Standard Test Method for Bearing Ratio of Laboratory Compacted Soil-Lime Mixtures	Soil	www.beuth.de				x (-)	x (-)
47	ASTM D3999-91 (1996)	Standard Test Methods for the Determination of the Modulus and Damping Properties of Soils Using the Cyclic Triaxial Apparatus*	Soil	www.beuth.de				x (-)	
243	ASTM D4016-93	Standard Test Methods for Viscosity of Chemical Grouts by Brookfield Viscometer (laboratory method)	Viscosity					x (+)	
48	ASTM D421:1985 (1998)	Standard Practice for Dry Preparation of Soil Samples for Particle-Size Analysis and Determination of Soil Constants	Soil	www.beuth.de				x (-)	
49	ASTM D424-59 (reapproved 1971)	Standard Test Methods for Plastic Limit and Plasticity Index of SOILS**				changed in D4318 / 1983			
50	ASTM D4283-98	viscosity of silicone fluids						x (-)	
51	ASTM D4318-00	Standard Test Methods for Liquid Limit, Plastic Limit, and Plasticity Index of SOILS*	Soil; plasticity	www.astm.org				x (+)	
52	ASTM D4320:1993	Standard Test Method for Laboratory Preparation of Chemically Grouted Soil Specimens for Obtaining Design Strength Parameters	Soil	www.beuth.de				x (-)	

53	ASTM D445-01	viscosity of transparent and opaque liquids						x (+)	
54	ASTM D4452:1985(2002)e1	Standard Test Methods for X-Ray Radiography of Soil Samples	Soil	www.beuth.de					
55	ASTM D446-00	kapillary kinematic viscometers*						x (+)	
56	ASTM D4624-93 (1998)	viscosity by capillary viscometer*						x (+)	
57	ASTM D4648:2000	Standard Test Method for Laboratory Miniature Vane Shear Test for Saturated Fine-Grained Clayey Soil	Vane	www.beuth.de			x (+)	x (+)	
58	ASTM D4682-87 (2002)	Standard Specification for Miscibility with Gasoline and FLUIDITY of Two-Stroke-Cycle Gasoline Engine Lubricants	Fluidity	www.astm.org				x (-)	
59	ASTM D4684-02a	viscosity of engine oils						x (+)	
60	ASTM D4843-88 (1999)	wetting and drying test of solid wastes*							
61	ASTM D4957-95	viscosity of asphalt ... by vacuum capillary viscometers*						x (+)	
62	ASTM D4989-90 a(1999)	apparent viscosity (flow) of bitumens (plastometers)*						x (-)	
63	ASTM D5099-93 (1998)	rubber ... processing properties using capillary rheometry						x (+)	
64	ASTM D5102:1996	Standard Test Method for Unconfined Compressive Strength of Compacted Soil-Lime Mixtures	Soil	www.beuth.de			x (+)		
65	ASTM D5183:1995(1999)e1	Standard Test Method for Determination of the Coefficient of Friction of Lubricants Using the Four-Ball Wear Test Machine	Mechanical properties	www.beuth.de					
66	ASTM D5225-98	Standard Test Method for Measuring Solution VISCOSITY of Polymers with a Differential Viscometer	Viscosity	www.astm.org				x (+)	
67	ASTM D5311:1992 (1996)	Standard Test Method for Load Controlled Cyclic Triaxial Strength of Soil	Soil	www.beuth.de			x (+)		
68	ASTM D5422-00	flow properties ... by screw-extrusion capillary rheometer*						x (+)	
69	ASTM D5478:1998	Standard Test Methods for Viscosity of Materials by a Falling Needle Viscometer*	Needle	www.beuth.de			x (-)	x (+)	
70	ASTM D5520-94(2001)	Standard Test Method for Laboratory Determination of Creep Properties of Frozen Soil Samples by Uniaxial Compression	Soil	www.beuth.de			x (-)		
71	ASTM D5574:1994(1999)e1	Standard Test Methods for Establishing Allowable Mechanical Properties of Wood-Bonding Adhesives for Design of Structural Joints	Mechanical properties	www.beuth.de					
72	ASTM D558:1996	Standard Test Methods for Moisture-Density Relations of Soil-Cement Mixtures	Soil	www.beuth.de					
73	ASTM D562-01	Standard Test Method for Consistency of Paints Measuring Krebs Unit (KU) Viscosity Using the Stormer-Type Viscometer	Consistency	webstore.ansi.org				x (+)	
74	ASTM D5778:1995(2000)	Standard Test Method for Performing Electronic Friction Cone and Piezocone Penetration Testing of Soils	Soil	www.beuth.de			x (+)		
75	ASTM D5873:2000	Standard Test Method for Determination of Rock Hardness by Rebound Hammer Method	Soil, properties	www.beuth.de			x (-)		
76	ASTM D6067:1996e1	Standard Guide for Using the Electronic Cone Penetrometer for Environmental Site Characterization	Soil, properties	www.beuth.de			x (-)		
77	ASTM D6080-97	viscosity of hydraulic fluids*						x (+)	
78	ASTM D6103-97	consistency of controlled low strength material*						x (+)	
79	ASTM D6204-01	rubber ... rheological properties ... rotorless shear rheometers						x (+)	
80	ASTM D6243:1998	Standard Test Method for Determining the Internal and Interface Shear Resistance of Geosynthetic Clay Liner by the Direct Shear Method	Shearing strength	www.beuth.de			x (+)		
81	ASTM D6351-99	fluidity and appearance of hydraulic fluids*						x (+)	
82	ASTM D6351-99	Standard Test Method for Determination of Low Temperature FLUIDITY and Appearance of Hydraulic Fluids	Fluidity	www.astm.org				x (-)	
83	ASTM D6467:1999	Standard Test Method for Torsional Ring Shear Test to Determine Drained Residual Shear Strength of Cohesive Soils	Soil, properties	www.beuth.de			x (-)		
84	ASTM D6496:1999	Standard Test Method for Determining Average Bonding Peel Strength Between the Top and Bottom Layers of Needle-Punched Geosynthetic Clay Liners	Needle	www.beuth.de			x (-)		
85	ASTM D6528:2000	Standard Test Method for Consolidated Undrained Direct Simple Shear Testing of Cohesive Soils	Soil	www.beuth.de			x (-)		
86	ASTM D6572:2000	Standard Test Methods for Determining Dispersive Characteristics of Clayey Soils by the Crumb Test	Soil, properties	www.beuth.de					
87	ASTM D666	Method for Conversion of Kinematic VISCOSITY of Saybolt FuroI VISCOSITY (Withdrawn 1961), Replaced By D2161	Viscosity	www.astm.org					
88	ASTM D6682-01		Flowability					x (-)	
89	ASTM D6773-02		Flowability					x (-)	

90	ASTM D6821-02	viscosity of lubricants in constant shear stress viscometers					x (+)		
91	ASTM D937-97	Standard test method for cone penetration of petrolatum				x (+)			
92	ASTM D97-66	Pour Point of Petroleum oils	Sliding	www.astm.org					
93	ASTM F1080-93(2002)	Standard Test Method for Determining the Consistency of Viscous Liquids Using a Consistometer *	Consistency	webstore.ansi.org; www.beuth.de			x (+)		
94	ASTM F1470-02	fastener sampling ... mechanical properties							
95	BS 1881-102: 1983	Testing concrete. Method for determination of slump	Consistency; concrete	www.bsi.org.uk	Current, Superseded		x (+)		x (+)
96	BS 1881-103:1993	Testing concrete. Method for determination of compacting factor	Concrete	www.bsi.org.uk	Current, Superseded				x (+)
97	BS 1881-104:1983	Testing concrete. Method for determination of Vebe time	Consistency; concrete	www.bsi.org.uk	Current, Superseded	x (-)	x (-)		
98	BS 1881-105:1984	Testing concrete. Method for determination of flow	Consistency; concrete	www.bsi.org.uk	Current, Superseded		x (+)		
99	BS 2000-179:1993	Methods of test for petroleum and its products. Determination of cone penetration of petrolatum	Consistency	www.bsi.org.uk	Current	x	x (-)		
100	BS 2000-49:1993	Methods of test for petroleum and its products. Determination of needle penetration of bituminous material	Consistency	www.bsi.org.uk	Withdrawn, Superseded	x (+)	x (+)		
101	BS 2000-50:1993	Methods of test for petroleum and its products. Determination of cone penetration of lubricating grease	Consistency	www.bsi.org.uk	Current	x	x (-)		
102	BS 3712:Part 1:1991	Building and construction sealants. Methods of test for homogeneity, relative density, extrudability, penetration	Consistency	www.bsi.org.uk	Withdrawn, Revised	x (+)	x (+)		
103	BS 4550:Part 3:Section 3.5:1978	Methods of testing cement. Physical tests. Determination of standard consistence	Consistency	www.bsi.org.uk	Withdrawn, Superseded		x (-)		
104	BS EN 1015-3:1999	Methods of test for mortar for masonry. Determination of consistence of fresh mortar (by flow table)	Concrete	www.bsi.org.uk	Current		x (+)		
105	BS EN 1015-4:1999	Methods of test for mortar for masonry. Determination of consistence of fresh mortar (by plunger penetration)	Consistency; concrete	www.bsi.org.uk	Current		x (-)		
106	BS EN 1170-1:1998	Precast concrete products. Test method for glass-fibre reinforced cement. Measuring the consistency of the matrix. 'Slump test' method	Consistency; plasticity	www.bsi.org.uk	Current				x (+)
107	BS EN 12274-3:2002	Slurry surfacing. Test methods. Consistency	Consistency; slurry	www.bsi.org.uk	Current		x (+)		
108	BS EN 12350-2:2000	Testing fresh concrete. Slump test	Consistency; concrete	www.bsi.org.uk					x
109	BS EN 12350-3:2000	Testing fresh concrete. Vebe test	Consistency; concrete	www.bsi.org.uk	Current		x (+)	x (+)	
110	BS EN 12350-4:2000	Testing fresh concrete. Degree of compactability	Consistency; concrete	www.bsi.org.uk	Current		x (+)	x (+)	
111	BS EN 12350-5:2000	Testing fresh concrete. Flow table test	Consistency; concrete	www.bsi.org.uk	Current		x (+)	x (+)	
112	BS EN 13395-1:2002	Products and systems for the protection and repair of concrete structures. Test methods. Determination of workability. Test for flow of thixotropic mortars	Consistency	www.bsi.org.uk	Current			x (+)	
246	BS EN 196-3:1995	Part 3. Determination of setting time and soundness	Consistency; concrete	www.bsi.org.uk	Current		x (+)		
113	BS EN 535:1991	Method for determination of flow time of paints by use of flow cups	Consistency	www.bsi.org.uk	Withdrawn, Superseded		x (-)		
114	CEN 00104206 prEN 14117	viscosity of cementitious products*					x (+)		
115	CEN 00193033 prEN ISO 14678	adhesives resistance to flow*					x (-)		
116	CEN 00193070 prEN 14256	adhesives resistance to static load							
117	CEN 00227124 prEN 13286-4	vibrating hammer	Road materials					x (+)	
118	CEN 00227125 prEN 13286-5	vibrating table	Road materials					x (+)	
119	CEN 00227146 prEN 13880-2	cone penetration	Road materials			x (+)			
120	CEN 00227149 prEN 13880-5	flow resistance*	Road materials				x (+)		
121	CEN 00249471 prEN ISO 307rev	determination of viscosity					x (-)		
122	CEN 00249479 prEN ISO 1628 rev	viscosity ... capillary viscometers**					x (-)		
123	CEN 00249494 IS=DIS 12058-2	viscosity ... falling ball					x (-)		
124	CEN 00249531 prEN ISO 307 rev	determination of viscosity					x (-)		

125	CEN 00336005	bitumen ...consistency*						x (-)		
126	CEN 00336024 prEN 13702-1	cone and plate viscometer								
127	CEN 00336025 prEN 13702-2	coaxial viscometer						x (+)		
128	CEN 00336034 prEN 13302	rotating spindle apparatus						x (+)		
129	CNR UNI 10014:1964	Prove sulle terre. Determinazione dei limiti di consistenza (o di Atterberg) di una terra.	Consistency; soil	www.uni.com						
130	DIN 1048-1: 1991-06	Testing concrete; testing of fresh concrete	Consistency	www.beuth.de				x (-)		
131	DIN 1168-2:1975-07	Building Plasters; Requirements, Testing, Control	Festigkeit (Solidity)	www.beuth.de			x (+)		x (+)	
132	DIN 18122-1:1997-07	Soil, investigation and testing - Consistency limits - Part 1: Determination of liquid limit and plastic limit (FOREIGN STANDARD)	Consistency; soil	webstore.ansi.org ; www.beuth.de				x (-)		
133	DIN 18125-1:1997-08	Soil, investigation and testing - Determination of density of soil - Part 1: Laboratory tests	Soil, properties	www.beuth.de				x (-)		
134	DIN 18125-2:1999-08	Soil investigation and testing - Determination of density of soil - Part 2: Field tests	Soil, properties	www.beuth.de				x (-)		
135	DIN 4094-4:2002-01	Subsoil - Field testing - Part 4: Field vane test	Vane	www.beuth.de				x (+)		
136	DIN 51350-6: 1984-01	Testing of lubricants - Testing in the Shell four-ball tester - Part 6: Determination of shear stability of lubricating oils containing polymers	Consistency	www.beuth.de						
137	DIN 51382: 1996-08	Testing of lubricants - Determination of shear stability of lubricating oils containing polymers - Method with Diesel injection nozzle, relative viscosity loss due to shear	Shearing strength	www.beuth.de						
138	DIN 51389-3:1998-10	Determination of lubricants - Mechanical testing of hydraulic fluids in the vane-cell-pump - Part 3: Method B for aqueous not easily inflammable hydraulic fluids	Vane	www.beuth.de						
139	DIN 51580:1989-04	Testing of petroleum waxes; determination of cone penetration	Cone	www.beuth.de				x (+)		
140	DIN 53018-1	Viscometry; Measurement of the Dynamic Viscosity of Newtonian Fluids with Rotational Viscometers; Principles (FOREIGN STANDARD)	Viscosity	webstore.ansi.org				x (-)		
141	DIN 53018-2	Viscometry; Measurement of the Dynamic Viscosity of Newtonian Fluids with Rotational Viscometers; Sources of Errors and Corrections concerning Cylinder; Rotation Viscometers (FOREIGN STANDARD)	Viscosity	webstore.ansi.org				x (-)		
142	DIN 53019-2	Viscosimetry - Determination of viscosity and flow curves with rotational viscosimeters - Part 2: Viscosimeter calibration and determination of the uncertainty of measurement (FOREIGN STANDARD)	Viscosity	webstore.ansi.org				x (-)		
143	DIN 53735		Melt flow index	www.cdcmp.it/testing.html				x (-)		
144	DIN EN 1015-3: 1999-04	Methods of test for mortar for masonry - Part 3: Determination of consistence of fresh mortar (by flow table); German version EN 1015-3:1999	Consistency	www.beuth.de				x (-)		
145	DIN EN 1015-4: 1998-12	Methods of test for mortar for masonry - Part 4: Determination of consistence of fresh mortar (by plunger penetration); German version EN 1015-4:1998	Consistency	www.beuth.de				x (-)		
146	DIN EN 1170-1	Precast concrete products - Test method for glass-fibre reinforced cement - Part 1: Measuring the consistency of the matrix by the 'Slump test' method (FOREIGN STANDARD)	Consistency	webstore.ansi.org				x (-)		
147	DIN EN 12274-3	Slurry surfacing - Test method - Part 3: Consistency; English version of DIN EN 12274-3 (FOREIGN STANDARD)	Consistency; slurry	webstore.ansi.org						
148	DIN EN 13395-1:2002-09	Products and systems for the protection and repair of concrete structures - Test methods; Determination of workability - Part 1: Test for flow of thixotropic mortars; German version EN 13395-1:2002	Thixotropic	www.beuth.de				x (-)		
149	DIN EN 13395-2:2002-09	Products and systems for the protection and repair of concrete structures - Test methods; Determination of workability - Part 2: Test for flow of grout or mortar; German version EN 13395-2:2002		www.beuth.de						
150	DIN EN 13395-3:2002-09	Products and systems for the protection and repair of concrete structures - Test methods; Determination of workability - Part 3: Test for flow of repair concrete; German version EN 13395-3:2002		www.beuth.de						
151	DIN EN 1426:1999-12	Bitumen and bituminous binders - Determination of needle penetration; German version EN 1426:1999	Needle	www.beuth.de				x (+)		

152	DIN EN 2243-6: 1997-02	Aerospace series - Structural adhesives, test methods - Part 6: Determination of shear stress and shear strain	Shearing strength	www.beuth.de	Draft standard	x (-)	x (-)		
153	DIN EN 3801:1995-06	Aerospace series - Anaerobic polymerisable compounds - Torque strength 5 Nm; thixotropic index 8	Thixotropic	www.beuth.de	Draft standard	x (-)		x (-)	
154	DIN ISO 2137:1997-08	Petroleum products - Lubricating grease and petrolatum Determination of cone penetration (ISO 2137:1985)	Cone	www.beuth.de		x (+)			
155	FD X33-011 December 2002	Characterisation of sludges - Sludge management in relation to use or disposal	Sludge	www.afnor.fr/portail.asp	Status: Documentation sheet				
156	ISO 1099:1975-11	Metals; Axial load fatigue testing	Mechanical properties	www.beuth.de					
157	ISO 11443:1995 February 1995	Plastics. Determination of the fluidity of plastics using capillary and slit-die rheometers.	Viscosity	www.afnor.fr/portail.asp	Status : International standard		x (+)		
158	ISO 12058:1997 Part1 and Part 2	plastics viscosity falling ball					x (+)		
159	ISO 12115:1997	fibre-reinforced plastics ... flowability					x (+)		
160	ISO 13765-2:2001-12	Refractory mortars. Part 2: Determination of consistency using the reciprocating flow table	Consistency	www.beuth.de	Draft standard			x (+)	
161	ISO 1433:1995-12	Rubber, vulcanized - Preferred gradations of properties	Physical properties	www.beuth.de					
162	ISO 14446:1999	binders for paints viscosity							
163	ISO 1599:1990 December 1991	French equivalent standard(s) : NF EN ISO 1599	Viscosity	www.afnor.fr/portail.asp			x (+)		
164	ISO 1658:1994-02	Natural rubber (NR); evaluation procedure	Physical properties	www.beuth.de					
249	ISO 2039-1: 2001-12	Plastics - Determination of hardness - Part 1: Ball indentation method	Penetration ball	www.beuth.de				x	
165	ISO 2137:1985-11	Petroleum products; Lubricating grease and petrolatum; Determination of cone penetration	Cone	www.beuth.de		x (+)			
166	ISO 2307:1990	ropes mechanical properties							
167	ISO 2431/ Technical Corrigendum 1:1994-06	Paints and varnishes - Determination of flow time by use of flow cups; Technical Corrigendum 1	Consistency	www.beuth.de			x (+)		
168	ISO 2431/Technical Corrigendum 2:1999-04	Paints and varnishes - Determination of flow time by use of flow cups; Technical Corrigendum 2	Consistency	www.beuth.de			x (+)		
169	ISO 2431:1993-02	Paints and varnishes; determination of flow time by use of flow cups	Consistency	www.beuth.de			x (+)		
170	ISO 2555:1989	liquid resins viscosity*					x (+)		
171	ISO 2884-1:1999-10	Paints and varnishes - Determination of viscosity using rotary viscometers - Part 1: Cone-and-plate viscometer operated at a high rate of shear		www.beuth.de					
172	ISO 289-1:1994-07	Rubber, unvulcanized - Determinations using a shearing-disc viscometer - Part 1: Determination of Mooney viscosity	Shearing strength	www.beuth.de					
173	ISO 3049:1974	gypsum physical properties				x (-)			
174	ISO 3051:1974-07	Gypsum plasters; Determination of mechanical properties	Festigkeit (Solidity)	www.beuth.de		x (-)			
175	ISO 3104:1994	petroleum products viscosity*					x (+)		
176	ISO 3219:1993 October 1993	Plastics - Polymers/resins in the liquid state or as emulsions or dispersions - Determination of viscosity using a rotational viscometer with defined shear rate *	Viscosity	webstore.ansi.org; www.afnor.fr/portail.asp	Status : International standard		x (+)		
177	ISO 3666:1998	water viscosity*							
178	ISO 4103:1979 June 1979	Concrete -- Classification of consistency *	Consistency	webstore.ansi.org; www.afnor.fr/portail.asp; www.beuth.de	Status : International standard	x (-)	x (+)		
179	ISO 4109:1980 February 1980	Determination of the consistence of fresh concrete -- Slump test	Consistency	webstore.ansi.org ; www.afnor.fr/portail.asp; www.beuth.de	Status : International standard				x
180	ISO 4110:1979 December 1979	Fresh concrete. Determination of the consistency. Vebe test.	Consistency; flowability	www.afnor.fr/portail.asp; webstore.ansi.org; www.beuth.de	Status : International standard		x (-)		

181	ISO 4111:1979 December 1979	Fresh concrete. Determination of consistency. Degree of compactibility (compaction index). *	Consistency; flowability	www.afnor.fr/portail.asp; webstore.ansi.org; www.beuth.de	Status : International standard					x
182	ISO 5270:1998	pulps physical properties*				x (-)	x (-)			
183	ISO 5530-1:1997	wheat flour physical properties								
184	ISO 556:1980-11	Coke (greater than 20 mm in size); Determination of mechanical strength	Mechanical properties	www.beuth.de		x (-)				
185	ISO 6388:1989	surface active agents flow properties								
186	ISO 6721-10:1999	plastics mechanical properties	Mechanical properties	www.beuth.de						
187	ISO 8130-5:1992	coating powders flow properties								
188	ISO/DIS 1099:2002-11	Metallic materials - Fatigue testing - Axial force controlled method (Revision of ISO 1099:1975)	Mechanical properties	www.beuth.de	Draft standard					
189	ISO/DIS 11273-1:1995-11	Soil quality - Determination of aggregate strength - Part 1: Tensile strength measurement (crushing test)	Soil, properties	www.beuth.de	Draft standard					
190	ISO/DIS 13737:1996-02	Petroleum products - Lubricating greases - Determination of low-temperature cone penetration	Cone	www.beuth.de	Draft standard	x				
191	ISO/DIS 13765-1:2001-12	Refractory mortars. Part 1: Determination of consistency using the penetrating cone	Consistency	www.beuth.de	Draft standard	x (+)				
192	ISO/DIS 2884:1997-11	Paints and varnishes - Determination of viscosity at a high rate of shear by a cone-and-plate viscometer (Revision of ISO 2884:1974)		www.beuth.de	Draft standard		x (-)			
193	ISO/DIS 35:2001-10	Natural rubber latex concentrate - Determination of mechanical stability (Revision of ISO 35:1995)	Mechanical properties	www.beuth.de	Draft standard	x (-)				
194	ISO/FDIS 2884-2:2002-10	Paints and varnishes - Determination of viscosity using rotary viscometers - Part 2: Disc or ball viscometer operated at a specified speed		www.beuth.de	Draft standard		x (+)			
195	ISO/TR 7517:1983-12	Coke; Comparison of different tests used to assess the physical strength	Festigkeit (Solidity)	www.beuth.de		x (-)				
196	NF EN 1015-3	Methods of test for mortar for masonry. Part 3 : determination of consistence of fresh mortar (by flow table).	Consistency	www.afnor.fr/portail.asp	Status : Certified standard		x (-)			
197	NF EN 1015-4 October 1999	Methods of test for mortar for masonry. Part 4 : determination of consistence of fresh mortar (by plunger penetration).	Consistency	www.afnor.fr/portail.asp	Status : Certified standard					
198	NF EN 1170-1 May 1998	Precast concrete products. Test method for glass-fibre reinforced cement. Part 1 : measuring the consistency of the matrix, "Slump test" method.	Consistency	www.afnor.fr/portail.asp	Status : Certified standard					
199	NF EN 12350-3 December 1999	Testing fresh concrete - Part 3 : Vebe test	Consistency	www.afnor.fr/portail.asp	Status : Certified standard		x (-)			
200	NF EN 12350-4 March 2001	Testing fresh concrete - Part 4 : degree of compactability	Consistency	www.afnor.fr/portail.asp	Status : Certified standard					
201	NF EN 12350-5 December 1999	Testing fresh concrete - Part 5 : flow table test	Consistency	www.afnor.fr/portail.asp	Status : Certified standard		x (-)			
202	NF EN ISO 3219 November 1994	Plastics. Polymers/resins in the liquid state or as emulsions or dispersions. Determination of viscosity using a rotational viscometer with defined shear rate.	Viscosity	www.afnor.fr/portail.asp	Status : Certified standard		x (-)			
203	NF P18-507 November 1992	Additions for concrete. Water retention. Method for measurement of fluidity by flowing with the "cone de marsh".	Consistency; fluidity; Cone	www.afnor.fr/portail.asp; www.beuth.de	Status : Certified standard		x (+)			
204	NF P94-051 March 1993	Soil : investigation and testing. Determination of Atterberg's limits. Liquid limit test using cassagrande apparatus. Plastic limit test on rolled thread.	Consistency; plasticity	www.afnor.fr/portail.asp	Status : Certified standard					
205	NF P94-052-1 November 1995	Soil : investigation and testing. Atterberg limit determination. Part 1 : liquid limit. Cone penetrometer method.	Consistency	www.afnor.fr/portail.asp	Status : Certified standard	x (-)	x (+)			

206	NF T30-029 October 1980	Paints. Method of use a rotational viscosimeter for measuring the apparent dynamic viscosity of varnishes, paints and similar preparations.	Viscosity	www.afnor.fr/portail.asp	Status : Documentation sheet		x (+)		
207	NF T30-601 November 1977	Paints. Paint coatings for indoor use. Measurement of consistency by penetrometer.	Consistency	www.afnor.fr/portail.asp	Status : Documentation sheet	x (-)			
208	NF T66-033 November 1991	Tests on mastic asphalt. Determination of workability value. Bernard-brunel test.	Consistency	www.afnor.fr/portail.asp	Status : Certified tandard				
209	NF T77-104 April 1986	Basic silicones for industrial use. Pastes, greases and non fluid gels. Determination of cone penetration. Consistometry.	Consistency	www.afnor.fr/portail.asp	Status : Certified tandard	x (-)			
210	P15-437 June 1987	Hydraulic binders. Testing technics. Characterization of cements by fluidity measurement under mortar vibration.	Fluidity	www.afnor.fr/portail.asp	Status : Documentation sheet			x (-)	
211	P18-358 July 1985	Admixtures for concretes, mortars and grouts. Routine grouts for prestressing ducts. Measurement of fluidity and water reduction.	Fluidity	www.afnor.fr/portail.asp	Status : Tentative standard		x (+)		
212	PR FD CR 13983 December 2000	Characterisation of sludges - Good practice for sludge utilisation in land reclamation Harmonised standard complying with an EC Directive : DI 86/278/EEC 01/06/1986 Council directive on the protection of the environment, and in particular of the soil, when sewage sludge IS used in agriculture.	Sludge	www.afnor.fr/portail.asp	Status : Draft standard				
213	SAE AIR 1168/9:1991-10	Thermophysical Properties of the Natural Environment, Gases, Liquids, and Solids	Physical properties	www.beuth.de					
214	SAE AMS 3077:1988-10	Compound, Corrosion Preventive, Soft Film, Thixotropic, Cold Application	Thixotropic	www.beuth.de					x
215	UNI 20065:1997		Sliding	www.uni.com			x (+)		
216	UNI 5640		Melt flow index	www.cdcmp.it/testing.html					
217	UNI 5656:1965	Waterproofing of Roofs - Asphalt Mastics - Determination of the Flow on a Sloping Plane	Sliding	www.uni.com			x (+)		
218	UNI 5662:1965	Waterproofing of Roofs - Asphalt Grouts - Determination of the Flow on a Sloping Plane	Sliding	www.uni.com			x (+)		
219	UNI 7044:1972	Determination of Consistency of Cement Mortars Using a Flow Table	Concrete	www.uni.com					
220	UNI 7123:1972	Concrete - Determination of Starting and Finish Setting Times by the Measure of Penetration Resistance	Concrete	www.uni.com					
221	UNI 8361:1982	Paints and Varnishes - Determination of Consistency of Road Paints for Horizontal Signals	Consistency	www.uni.com					
222	UNI 8701-3:1986	Epoxide Resins - Test Methods - Determination of Viscosity by Means of Rotational Viscometers	Viscosity	www.uni.com			x (+)		
223	UNI 8997:1987	Preblended Expansive Mortars for Grouting - Superplastic Mortars - Determination of Consistency by a Flow Apparatus	Consistency	www.uni.com			x (+)		
224	UNI 9417:1989	Fresh Concrete - Classification of Consistency	Consistency; concrete	www.uni.com			x (+)		
225	UNI 9846:1991	Pigments and Extenders for Paints and Varnishes - Determination of Flow Point	Sliding	www.uni.com					
226	UNI EN 1015-3:2000	Methods of Test for Mortars for Masorny Determination of Consistence of Fresh Mortar (by Flow Table)	Consistency	www.uni.com					
227	UNI EN 1015-4:2000	Methods of Test for Mortars for Masorny Determination of Consistence of Fresh Mortar (by Plunger Penetration)	Consistency	www.uni.com			x (+)		
228	UNI EN 1170-1:2001	Precast Concrete Products Test Method for Glass-Fibre Reinforced Cement Measuring the Consistency of the Matrix "Slump Tests Method".	Consistency; concrete	www.uni.com					
229	UNI EN 12350-2:2001	Testing Fresh Concrete Slump Test	Concrete	www.uni.com					
230	UNI EN 12350-3	Testing Fresh Concrete Vebe Test	Cone	www.uni.com			x (+)		
231	UNI EN 12350-4:2001	Testing Fresh Concrete Degree of Compactability	Concrete	www.uni.com					



232	UNI EN 12350-5	Testing Fresh Concrete Flow Table Test	Concrete	www.uni.com					
233	UNI EN 1308:2000	Adhesives for Tiles Determination of Slip	Sliding	www.uni.com					
234	UNI EN 13179-1:2002	Test for Filler Aggregates Used in Bituminous Mixtures Delta Ring and Ball Test	Bitumen	www.uni.com					
235	UNI EN 445	Grout for Prestressing Tendons Test Methods	Cement	www.uni.com				x (+)	
236	UNI EN 933-6:2003	Tests for the Determination of Surface Characteristics of Aggregates - Evaluation of Surface Characteristics - Flow Coefficient of Aggregates	Sliding	www.uni.com					
237	UNI EN ISO 1133:2001	Plastics - Determination of Mass Fluidity Index and of Volume Fluidity Index of Thermoplastic Materials	Fluidity; melt flow index	www.uni.com; www.cdcmp.it/testing.html					
238	UNI EN ISO 12115:1999	Fibre Reinforced Plastics Thermosetting Moulding Compounds and Prepregs Determination of Flowability, Maturation and Shelf Life	Sliding	www.uni.com				x (+)	
239	UNI EN ISO 3104	Petroleum Products Transparent and Opaque Liquids Determination of Kinematic Viscosity and Calculation of Dynamic Viscosity	Viscosity	www.uni.com				x (+)	
240	UNI EN ISO 7808:2000	Plastics Thermosetting Moulding Materials Determination of Transfer Flow	Fluidity	www.uni.com				x (+)	
241	UNI ISO 4534:1992	Vitreous and Porcelain Enamels - Determination of Fluidity Behaviour - Fusion Flow Test	Sliding	www.uni.com				x (+)	
242	XP T51-213 November 1995	Plastics. Polymers, resins in liquid, emulsion or dispersion state, varnishes, paints, oils. Determination of the dynamic viscosity under low shear rate by vertical ball falling.	Viscosity	www.afnor.fr/portail.asp	Status : Tentative standard			x (+)	
250	Schulze von B., et al., 1991	Kasumeter	Flowability					x (+)	
251	ATV- Work report/ATV- Arbeitsbericht, 1989	Laboratory vane shear apparatus	Vane					x (+)	
252	Wichmann et al.;1997	Pocket vane shear apparatus	Vane					x (+)	
253	ATV- Work report/ATV- Arbeitsbericht, 1989	Pocket penetrometer (Neuschäfer)	Penetrometer					x (+)	
255	IARG 2003/Pasqualini et al. (2003)	Cubic piling box (CPB) / piling behaviour of solid waste	Piling box						x (+)
256		"Turned Box" [Method in France]			Further infromatons are necessary				x (-)
257	Coussot P, et al.; 1994. Jean-Christophe Baudez, et al.;	Inclined plane	Flowability					x (+)	
258	2002.	Modified slump test	Flowability					x (+)	

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