

Thermoplastics and metals Proficiency Testing 2023

Accreditation ISO/IEC 17043 (A2LA)

The DRRR is an accredited proficiency testing provider by A2LA according to ISO/IEC 17043:2010. The accreditation is only valid for the matrices/parameters listed on the A2LA scope of accreditation [#5494.01]. Whether a proficiency test is covered or not covered by the scope of accreditation by A2LA can be viewed in our online portal (ODIN).

In very rare individual cases an accredited proficiency testing round will not be carried out within the scope of accreditation due to technical or organizational reasons. In these rare cases the DRRR will inform the participants before the start of the proficiency testing round, thus before the sample shipment. An immediately free cancellation for the participants is possible until the date of the sample shipment.



Accreditation DIN EN ISO/IEC 17043 (DAkks)

The DRRR is an accredited proficiency testing provider by DAkks according to DIN EN ISO/IEC 17043:2010. The accreditation is valid only for the scope listed in the annex of the accreditation certificate [D-EP-17063-01-00]. Whether a proficiency test is covered or not covered by the scope of accreditation by DAkks can be viewed in our online portal (ODIN).

In very rare individual cases an accredited proficiency testing round will not be carried out within the scope of accreditation due to technical or organizational reasons. In these rare cases the DRRR will inform the participants before the start of the proficiency testing round, thus before the sample shipment. An immediately free cancellation for the participants is possible until the date of the sample shipment.

Your benefit

Our proficiency testing schemes cover a wide range of tests and analysis for material testing. Thus you can benefit from our high quality standards in all important testing fields:

in 2023 more than 500 accredited Proficiency testing schemes are offered

By participating in our proficiency testing schemes you have an objective and independent impression of your quality and performance of your routine testing method. Your benefits taking part in DRRR proficiency testing schemes:

- Participation in proficiency testing is required by several facilities
- Participants can compare, assure and improve their own performance and quality
- Recognition of the applied method compared to the other laboratories
- Unquestionable lab performance towards customers and certification authorities
- Saving costs of lab development and maintenance
- Saving on the working time in the lab and many other benefits



Registration/information

Simply brilliant, your proficiency testing with ODIN.

Convenient proficiency testing participation with ODIN easy, safe and clearly

- Direct booking of proficiency testing schemes in our online catalogue
- Overview about the registered proficiency testing schemes
- Fast and secure submission of your results via ODIN
- Online access to individual customers reports and certificates

You can also use the following pages as a registration form or download them on our homepage:

[Proficiency testing 2023 - Material testing - Thermoplastics | Metals](#)

For questions and suggestions do not hesitate to contact us!

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Art. no.	Standard	Proficiency testing type ^[A]	Period	To view pricing information please visit our online Portal:
Mechanical properties (ISO):				
2010988	ISO 527-1/-2	<input type="checkbox"/> <u>Tensile test:</u> Tensile test "package" (3 parameters, choice possible) - Modulus of Elasticity - Tensile strength, elongation	Apr-23	Login or register
2010765	ISO 527-1/-2	<input type="checkbox"/> Tensile Test at +80°C	Apr-23	
2010766	ISO 527-1/-2	<input type="checkbox"/> Tensile Test at -30°C	Apr-23	
2010881	ISO 899-1	<input type="checkbox"/> Tensile creep test	Apr-23	
2010116	VDA 287	<input type="checkbox"/> High Speed Tensile Test - servo-hydraulic test instrument	Apr-23	
2010989	ISO 178	<input type="checkbox"/> <u>Flexural test:</u> Flexural test "package" (4 parameters, choice possible) - Flexural Modulus - Stress at conventional deflection - Flexural strength / elongation	Apr-23	
2010004	ISO 16770	<input type="checkbox"/> Full-notch creep test [FNCT]	Apr-23	
2010756	ISO 604	<input type="checkbox"/> Compression test (strength, elongation)	Apr-23	
2010773	ISO 179-1/1eU	<input type="checkbox"/> Charpy unnotched impact test +23 °C	Apr-23	
2010782	ISO 179-1/1eA	<input type="checkbox"/> Charpy notched impact test +23 °C	Apr-23	
2010824	ISO 179-1	<input type="checkbox"/> Charpy impact test -30 °C	Apr-23	
2010774	ISO 180	<input type="checkbox"/> Izod impact properties +23 °C	Apr-23	
2010884	DIN 53435	<input type="checkbox"/> Impact test on dynstat test specimens	Apr-23	
2010885	DIN 53435	<input type="checkbox"/> Bending test on dynstat test specimens	Apr-23	
2010977	ISO 8256	<input type="checkbox"/> Tensile-impact test (type 1, metod A)	Apr-23	
2010882	ISO 6603-2	<input type="checkbox"/> Instrumented puncture impact test	Apr-23	
2010757	ISO 6721-5	<input type="checkbox"/> DMA - Temperature sweep and Tg	Apr-23	
Mechanical properties (ASTM):				
2010886	ASTM D638	<input type="checkbox"/> Tensile test (modulus, strength, elongation)	Apr-23	
2010888	ASTM D790	<input type="checkbox"/> Flexural test (modulus, strength, elongation)	Apr-23	
2010006	ASTM D256	<input type="checkbox"/> Izod impact properties +23 °C	Apr-23	
2010883	ASTM D3763	<input type="checkbox"/> Instrumented puncture impact test	Apr-23	
Specimen injection moulding (type 1A):				
2010785	ISO 527-1/-2	<input type="checkbox"/> Injection moulding and tensile test	Apr-23	
2010786	ISO 178	<input type="checkbox"/> Injection moulding and flexural test	Apr-23	
2010787	ISO 179-1	<input type="checkbox"/> Injection moulding and Charpy impact test	Apr-23	
Cutting of specimen:				
2010813	ISO 527-1/-2	<input type="checkbox"/> Cutting (type 1B) and tensile test	Apr-23	
2010814	ISO 527-1/-2	<input type="checkbox"/> Cutting (type 5A) and tensile test	Apr-23	
Polyamide 6 und 6.6:				
2010815	ISO 527-1/-2	<input type="checkbox"/> Tensile test	Apr-23	
2010816	ISO 178	<input type="checkbox"/> Flexural test	Apr-23	
2010817	ISO 179-1	<input type="checkbox"/> Charpy flexural impact test	Apr-23	
Dimensions of test specimens:				
2010978	not specified	<input type="checkbox"/> Width and Thickness of specimen (type 1A)	Apr-23	

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Density Hardness Ash content:				
2010769 2010984	ISO 1183-1 and ASTM D792	<input type="checkbox"/> Density I (Apr.) <input type="checkbox"/> Density II (Oct.)	Apr-23 Oct-23	Login or register
2010741 2010651 2010742 2010811	ISO 1172 ISO 3451-1 ASTM G5630 ISO 868 ISO 2039-1	<input type="checkbox"/> Ash content <input type="checkbox"/> Ash content [NEW!] <input type="checkbox"/> Hardness Shore D <input type="checkbox"/> Ball indentation hardness	Apr-23 Apr-23 Apr-23 Apr-23	
Rheological properties:				
2010825 2010008 2010213 2010861 2010795 2010857 2010858 2010859 2010788 2010789	ISO 1133-1 and ASTM D1238 ISO 1133-2 ISO 1133 ISO 307 ISO 307 ISO 307 ISO 1628-5 ISO 11443 ISO 6721-10	<input type="checkbox"/> Melt flow/volume rate MFR/MVR I (Mar.) <input type="checkbox"/> Melt flow/volume rate MFR/MVR II (Oct.) <input type="checkbox"/> MFR/MVR (moisture sensitive materials) <input type="checkbox"/> MFR/MVR (high temperature > 300°C) <input type="checkbox"/> Viscosity number (sulfuric acid) <input type="checkbox"/> Viscosity number (m-cresol) <input type="checkbox"/> Viscosity number (formic acid) <input type="checkbox"/> Viscosity number of PBT <input type="checkbox"/> Fluidity of plastics - capillary rheometers <input type="checkbox"/> Complex shear viscosity (parallel-plate)	Mar-23 Oct-23 Mar-23 Mar-23 Mar-23 Mar-23 Mar-23 Mar-23 Mar-23 Mar-23	
Thermal properties/Infrared spectroscopy:				
2010743 2010985 2010854 2010855 2010297 2010303 2010745 2010653 2010758 2010775 2010911 2010790 2010791 2010818	ISO 11357-3 and ASTM D3418 ISO 11357-2 and ASTM D3418 ISO 11357-6 and ASTM D3895 ISO 11357-4 ISO 6964 ISO 11358 ASTM E1131 ISO 11359 ISO 306 ASTM D1525 ISO 75 ASTM D648 not specified	<input type="checkbox"/> DSC: Melting point/enthalpy I (Mar.) <input type="checkbox"/> DSC: Melting point/enthalpy II (Oct.) <input type="checkbox"/> DSC-Analysis: Glass transition temp. <input type="checkbox"/> DSC-Analysis: Oxidation Induction time <input type="checkbox"/> DSC-Analysis: specific heat capacity <input type="checkbox"/> Carbon black content - method A, B1, B2 and C <input type="checkbox"/> Thermogravimetry (TGA) - filler content <input type="checkbox"/> Thermogravimetry (TGA) - filler content [NEW!] <input type="checkbox"/> Coefficient of linear thermal expansion <input type="checkbox"/> Vicat softening temperature (VST) <input type="checkbox"/> Vicat softening temperature (VST) <input type="checkbox"/> Temperature of deflection under load <input type="checkbox"/> Deflection temperature under flexural load <input type="checkbox"/> Quantitative infrared spectroscopy	Mar-23 Oct-23 Mar-23 Mar-23 Mar-23 Mar-23 Mar-23 Mar-23 Apr-23 Apr-23 Apr-23 Apr-23 Apr-23 Apr-23 Mar-23	
From our catalogue of consumer goods:				
2010210 2010167	not specified not specified	<input type="checkbox"/> Identification of plastic granulates <input type="checkbox"/> Identification PA types (e.g. PA6, PA 11)	Mar-23 Mar-23	
Emissions:				
2010851 2010555 2010869 2010843 2010870 2010797 2010557 2010798 2010559	VDA 270 GMW 3205 VDA 275 VDA 277 VDA 278 DIN 75201 GMW 3235 DIN 75201 GMW 3235	<input type="checkbox"/> Odour test (PV 3900) <input type="checkbox"/> Odour test [NEW!] <input type="checkbox"/> Formaldehyde emission (PV 3925) <input type="checkbox"/> Total carbon emission (PV 3341) <input type="checkbox"/> Thermal desorption analysis <input type="checkbox"/> Fogging/Method A <input type="checkbox"/> Fogging/Method A [NEW!] <input type="checkbox"/> Fogging/Method B (PV 3015) <input type="checkbox"/> Fogging/Method B [NEW!]	Mar-23 Mar-23 Mar-23 Mar-23 Mar-23 Mar-23 Mar-23 Mar-23 Mar-23	

Art. no.	Standard	Proficiency testing type ^[A]	Period	To view pricing information please visit our online Portal:
Plastics - surface testing:				
2010722	ISO 2813	<input type="checkbox"/> Specular Gloss at 20°, 60°, 85°	Mar-23	Login or register
2010649	ASTM D523	<input type="checkbox"/> Specular Gloss at 20°, 60°, 85° [NEW!]	Mar-23	
2010821	ISO 7724 DIN 53236	<input type="checkbox"/> Colour measurement 8° - ΔE, ΔL, Δa, Δb	Mar-23	
2010771	DIN 53236	<input type="checkbox"/> Colour measurement 45° - ΔE, ΔL, Δa, Δb	Mar-23	
2010822	PV 3952	<input type="checkbox"/> Scratch resistance	Mar-23	
2010823	ISO 1518	<input type="checkbox"/> Erichsen-Hardness (in style of ISO 1518 / hand-operated devices)	Mar-23	
2011106	VW 50195	<input type="checkbox"/> Automotive Paint Finish - Colorimetric Evaluation [NEW!]	May-23	
2011049	ISO 22557	<input type="checkbox"/> Scratch test spring-loaded pen [NEW!]	Mar-23	
2010871	ISO 19403-2	<input type="checkbox"/> Surface energy (contact angle)	Mar-23	
2010893	ISO 9352	<input type="checkbox"/> Abrasion by abrasive wheels (Taber)	Mar-23	
2010981	PV 3987	<input type="checkbox"/> Micro scratch resistance high gloss	Jan-23	
2010699	PV 3974	<input type="checkbox"/> Mar Resistance of Surfaces	Apr-23	
2010719	PV 3991	<input type="checkbox"/> Skin abrasion test	Apr-23	
2010693	PV 3966	<input type="checkbox"/> Stress Whitening Properties (Ball Drop Test)	Apr-23	
2010717	PV 3989	<input type="checkbox"/> Ball Drop Test	Apr-23	
Plastics - paintwork:				
2010972	ISO 2409	<input type="checkbox"/> Cross cutting test	May-23	
2010539	PV 3964	<input type="checkbox"/> Cream resistance	May-23	
2010849	DBL 5425	<input type="checkbox"/> Multiple stone impact test	May-23	
2010221	ISO 20567-1	<input type="checkbox"/> Multiple stone impact test	May-23	
2011042	SAE J400	<input type="checkbox"/> Chip Resistance [NEW!]	May-23	
2010845	DBL 5425	<input type="checkbox"/> Steam jet test	May-23	
2010703	TL 211 (ISO 16925)	<input type="checkbox"/> Steam-jet test, method C	May-23	
2010217	PV 1200	<input type="checkbox"/> Environmental Cycle Test (8 cycles) - e.g. Cross-cut	May-23	
2010541	ISO 2808 (6A-Ver.1)	<input type="checkbox"/> Film thickness - Cross sectioning by grinding	May-23	
2010641	ISO 2808 (6A-Ver.2)	<input type="checkbox"/> Film thickness - Cross sectioning by cutting [NEW!]	May-23	
2010543	DBL 5425 (A.1.17)	<input type="checkbox"/> Wash scratch resistance (Amtec-Kistler)	May-23	
2010545	DBL 5425 (A.1.17)	<input type="checkbox"/> Wipe scratch resistance (Crockmeter)	May-23	
2010721	PV 3.3.3	<input type="checkbox"/> Scratch Resistance of Clear Coats	May-23	
2011045	IEC 60068-2-70	<input type="checkbox"/> Abrasion caused by rubbing [NEW!]	May-23	
Metals - paintwork:				
2010024	ISO 6270	<input type="checkbox"/> Condensation atmosphere constant humidity (CH) - resistance to humidity (e.g. blistering)	Mar-23	
2011047	DIN 50018	<input type="checkbox"/> Saturated atmosphere SO ₂ (Kesternich) [NEW!]	May-23	
2010295	ISO 2360	<input type="checkbox"/> Coating thickness Amplitude-sensitive eddy-current method	May-23	
2010615	ISO 2178	<input type="checkbox"/> Coating thickness - Magnetic method	May-23	
2010927	DBL 7381.30	<input type="checkbox"/> Technical-mechanical tests (Layer thickness, Pressurized water spray test, Multiple stone chipping test, Cross-cut)	Oct-23	
Plastics - Electroplating:				
2010239	ISO 1456	<input type="checkbox"/> Coating thickness (Cu / Ni / Cr) - ISO 1463 and ISO 2177	May-23	
2010241	EN 16866 ASTM B764	<input type="checkbox"/> Layer thicknesses and potential differences of nickel	May-23	
2010243	DIN 53100	<input type="checkbox"/> Micropores / Microcracks in chromium coating	May-23	
2010219	DBL 8465	<input type="checkbox"/> Corrosion testing CASS (48 h) including evaluation	May-23	
2010661	PV 1058	<input type="checkbox"/> Micro-crack pattern	May-23	
2010663	PV 1063	<input type="checkbox"/> Micropore Density	May-23	
2010665	PV 1065	<input type="checkbox"/> Potential Differences and Layer Thicknesses of Nickel [NEW!]	Sep-23	

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Plastics - Light fastness / Exposure tests:					
<u>Evaluation: Color change with grey scale and instrumentell</u>					
2010799	ISO 105-B06	<input type="checkbox"/> Light fastness	Apr-23	Login or register	
2010667	PV 1303	<input type="checkbox"/> Xenon Arc Light Aging	Jan-23		
2010867	ISO 4892-2	<input type="checkbox"/> Light fastness - Xenon Arc light (cycle 1)	Apr-23		
2010866	ASTM G155	<input type="checkbox"/> Light fastness - Xenon Arc light (cycle 1)	Apr-23		
2010868	ISO 4892-3 and ASTM G154	<input type="checkbox"/> Exposure - Fluorescent UV lamps	Apr-23		
2010215	PV 1306	<input type="checkbox"/> Tackiness of Polypropylene Parts [NEW!]	Apr-23		
2010128	PV 3929	<input type="checkbox"/> Weathering (Dry, Hot) - Kalahari test	Apr-23		
2010130	PV 3930	<input type="checkbox"/> Weathering (Humid, Hot) - Florida test	Apr-23		
2010846	DIN 75220 and VDA 230-219	<input type="checkbox"/> Sunlight simulation	Apr-23		
<u>Evaluation: Change of mechanical properties</u>					
2010016	ISO 4892-2	<input type="checkbox"/> Light fastness - Xenon Arc light (cycle 1)	Apr-23		
Assessing - Change in colour / Staining / Blistering:					
2010026	ISO 105 A02 / A03	<input type="checkbox"/> Visual evaluation of colour charts (grey scale)	Apr-23		
2010919	ISO 105 A04 / A05	<input type="checkbox"/> Instrumental assessment of colour charts [NEW!]	Apr-23		
2010701	ISO 4628-2	<input type="checkbox"/> Degree of blistering (quantity / size) - by means of	Apr-23		
2011046	ISO 4628-3	<input type="checkbox"/> Degree of rusting - by means of photos [NEW!]	Apr-23		
Metals - corrosion testing:					
Reference specimen and laquered plates					
2010820	ISO 9227	<input type="checkbox"/> Corrosion testing (NSS test): reference specimens 48h and plates 480h (e.g. delamination, corrosion, blistering)	Apr-23		
2010018	ISO 9227	<input type="checkbox"/> Corrosion testing (CASS test): reference specimens 24h and plates 240h (e.g. delamination, corrosion, blistering)	Apr-23		
Reference specimen (mass loss)					
2010561	ISO 9227	<input type="checkbox"/> Corrosion testing (AASS test)	Apr-23		
2010020	ASTM B117	<input type="checkbox"/> Salt Spray test	Apr-23		
2010022	GMW 14872	<input type="checkbox"/> Exterior Cyclic Corrosion	Apr-23		
Steel substrates					
2010520	DBL 7381.10	<input type="checkbox"/> Corrosion cycle test (CCT 1 steel) (e.g. corrosion, cross cut, scratch test)	May-23		
2011044	ISO 11997-1	<input type="checkbox"/> Corrosion Test (cycle A) [NEW!]	May-23		
2011043	PV 1210	<input type="checkbox"/> Corrosion Test [NEW!]	May-23		
Aluminum wheels					
2010850	DBL 7381.50	<input type="checkbox"/> Corrosion - (Filiform and CASS)	May-23		
Metals - X-ray fluorescence analysis (XRF):					
2010171	not specified	<input type="checkbox"/> Determination of elements by X-ray fluorescence	Jul-23		
2010371	ISO 3497	<input type="checkbox"/> Coating thickness X-ray spectrometric method	Mar-23		

Art. no.	Standard	Proficiency testing type ^[A]	Period	To view pricing information please visit our online Portal:	
Plastic films:					
2010777	ISO 527-1/-3	<input type="checkbox"/> Tensile Test	Mar-23	Login or register	
2010970	ISO 7765-1	<input type="checkbox"/> Impact resistance – free-falling dart	Mar-23		
2010878	ISO 6383-1	<input type="checkbox"/> Tear resistance - trouser tear method	Mar-23	Migration testing: Proficiency Tests for overall and specific migration can be found in the catalogue "consumer goods" or in our online catalogue	
2010838	ISO 6383-2 ASTM D1922	<input type="checkbox"/> Tear resistance - Elmendorf method	Mar-23		
2010779	ISO 4593	<input type="checkbox"/> Film thickness	Mar-23		
2010780	ISO 8295	<input type="checkbox"/> Coefficients of friction (static/kinetic)	Mar-23		
2010879	ISO 11339	<input type="checkbox"/> T-peel test	Mar-23		
2010880	DIN 55529	<input type="checkbox"/> Sealed-seam strength	Mar-23		
2010847	ISO 15106-3	<input type="checkbox"/> Water vapour transmission rate	Mar-23		
2010844	ISO 15105-2	<input type="checkbox"/> Gas transmission rate	Mar-23		
2010518	DIN 53380-3	<input type="checkbox"/> Gas transmission rate [NEW!]	Mar-23		
2010781	ISO 14782	<input type="checkbox"/> Transparency/Haze	Mar-23		
2010012	DIN 55543-5	<input type="checkbox"/> Adhesion strength	Mar-23		
2011051	VDA 230-217	<input type="checkbox"/> Plastic Roll Goods - Low Temperature Resistance [NEW!]	Mar-23		
2010312	not specified	<input type="checkbox"/> Identification of multi layer films	Mar-23		
2010115	not specified	<input type="checkbox"/> Identification of mono layer films	Sep-23		
Burning behaviour / Fire hazard / Electrical properties:					
2010819	FMVSS 302	<input type="checkbox"/> Burning rate (DIN 75200)	Mar-23		
2010862	UL 94 HB	<input type="checkbox"/> Burning rate (IEC 60695-11-10)	Mar-23		
2010863	UL 94 V	<input type="checkbox"/> Burning rate (IEC 60695-11-10)	Mar-23		
2010547	IEC 62631-3-2	<input type="checkbox"/> Surface resistance (VDE 0307-3-2)	Mar-23		
2010549	EN 62631-3-1	<input type="checkbox"/> Volume resistivity (VDE 0307-3-1)	Mar-23		
2010864	IEC 60695-2-13	<input type="checkbox"/> Glow-wire ignition temperature (GWIT)	Mar-23		
2010979	IEC 60112	<input type="checkbox"/> CTI – Tracking	Mar-23		
2011053	IEC 60695-10-2	<input type="checkbox"/> Abnormal heat - Ball pressure test [NEW!]	Apr-23		
2011052	IEC 60243-1	<input type="checkbox"/> Electric strength [NEW!]	Apr-23		
2010655	TL 1010	<input type="checkbox"/> Burning behavior	Jan-23		
2010659	TL 1011	<input type="checkbox"/> Flammability	Mar-23		
Plastic pipes / materials for piping systems (PE):					
2010792	ISO 1167-1/-2	<input type="checkbox"/> Resistance to internal pressure	Mar-23		
2010890	ISO 17454	<input type="checkbox"/> Adhesion of multilayer pipes	Mar-23		
2010891	ISO 9969	<input type="checkbox"/> Thermoplastics pipes - ring stiffness	Mar-23		
2010980	not specified	<input type="checkbox"/> Wall thickness of plastic pipes	Mar-23		
2010987	ISO 13477	<input type="checkbox"/> Resistance to rapid crack propagation (S4 test) - "Critical Pressure"	Mar-23		
2010004	ISO 16770	<input type="checkbox"/> Full-notch creep test [FNCT]	Apr-23		
2010118	ISO 18488	<input type="checkbox"/> Strain Hardening Modulus	Apr-23		
2010120	ISO 18489	<input type="checkbox"/> Crack growth - cracked round bar (CRB)	Apr-23		
2010529	ISO 10147	<input type="checkbox"/> Degree of crosslinking of PE-X [NEW!]	Apr-23		
Water content water absorption:					
2010793	ISO 15512	<input type="checkbox"/> Water content (Karl-Fischer)	Apr-23		
2010865	ISO 15512	<input type="checkbox"/> Water content (Aquatrac®) CaH2 method	Apr-23		
2010796	ISO 62	<input type="checkbox"/> Water absorption	Apr-23		

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Rubber & TPE:				
2010727	ISO 2781	<input type="checkbox"/> Density of rubber	May-23	Login or register
2010728	ISO 37	<input type="checkbox"/> Tensile test (specimen type2/S2)	May-23	
2010729	ISO 37	<input type="checkbox"/> Tensile test (specimen type3/S3A)	May-23	
2011033	VDI 2019	<input type="checkbox"/> Adhesion of thermoplastic elastomers (TPE) [NEW!]	May-23	
2010894	ASTM D412	<input type="checkbox"/> Tensile test	May-23	
2010897	ISO 34-1	<input type="checkbox"/> Tear strength - Trouser test piece	May-23	
2010761	ISO 34-1	<input type="checkbox"/> Tear strength - Angle test piece (without nick)	May-23	
2010760	ISO 34-1	<input type="checkbox"/> Tear strength - Angle test piece (with nick)	May-23	
2010895	ISO 815	<input type="checkbox"/> Compression set	May-23	
2010900	ISO 815-2	<input type="checkbox"/> Compression set at lower temperature	May-23	
2010896	ISO 2285	<input type="checkbox"/> Tension set	May-23	
2010731	ISO 48-4	<input type="checkbox"/> Hardness Shore A (ISO 868)	May-23	
2010898	ASTM D2240	<input type="checkbox"/> Hardness Shore A	May-23	
2010748	ISO 48-2	<input type="checkbox"/> IRHD-Hardness - method M	May-23	
2010899	ISO 48-2	<input type="checkbox"/> IRHD-Hardness - method N	May-23	
2010267	ISO 48-4	<input type="checkbox"/> Hardness Shore D	May-23	
2010762	ISO 4662	<input type="checkbox"/> Rebound resilience	May-23	
2010763	ISO 4649	<input type="checkbox"/> Abrasion resistance	May-23	
2010746	ISO 11357-2	<input type="checkbox"/> Glass transition of rubber	May-23	
2010875	ISO 1407	<input type="checkbox"/> Solvent extract of rubber	May-23	
2010764	ISO 289-1	<input type="checkbox"/> Mooney viscosity	May-23	
2010749	ISO 1817	<input type="checkbox"/> Increase in mass (liquid B)	May-23	
2010750	ISO 11358	<input type="checkbox"/> Thermogravimetry (TGA) - black carbon	May-23	
2010269	ISO 1431-1	<input type="checkbox"/> Resistance to ozone cracking	May-23	
2010508	ISO 188	<input type="checkbox"/> Accelerated ageing and heat resistance	May-23	
2010671	PV 3305, PV 3316	<input type="checkbox"/> Ozone Resistance - Permanent Deformation	Sep-23	
2010673	PV 3307	<input type="checkbox"/> Plastic and Elastic Deformability	May-23	
2010675	PV 3330	<input type="checkbox"/> O-Rings - Compression Set	May-23	
2010697	PV 3973	<input type="checkbox"/> O-Rings - Tensile test	May-23	
2010677	PV 3366	<input type="checkbox"/> Seals - Wear Characteristics of Flocking	May-23	
2010715	PV 3988 (4.1)	<input type="checkbox"/> Seals - Anti-Friction Coating - Coating thickness	Sep-23	

Geosynthetics (geomembrane):

2010901	ISO 527-1/-3	<input type="checkbox"/> Tensile test geosynthetics	Mar-23	
2010902	ASTM D6693	<input type="checkbox"/> Tensile test PE/PP Geomembranes	Mar-23	
2010903	ASTM D1004	<input type="checkbox"/> Tear Resistance (Graves Tear)	Mar-23	
2010904	ISO 12236	<input type="checkbox"/> Static puncture Test (CBR-Test)	Mar-23	
2010912	DIN EN 14576	<input type="checkbox"/> Stress Crack Resistance	Mar-23	
2010913	ASTM D5397	<input type="checkbox"/> Stress Crack Resistance	Mar-23	
2010906	ISO 9863-1	<input type="checkbox"/> Thickness at specified pressures (20 kPa)	Mar-23	
2010909	EN 1107-2	<input type="checkbox"/> Dimensional stability	Mar-23	
2010759	ISO 11358	<input type="checkbox"/> Carbon black content (TGA)	Apr-23	
2010876	ASTM D4218	<input type="checkbox"/> Carbon black content (muffle-furnace)	Mar-23	
2010877	ASTM D5596	<input type="checkbox"/> Dispersion of Carbon Black	Mar-23	

Paper | Board: **[NEW!]**

2010058	EN 310 DBL 5472	<input type="checkbox"/> Modulus in bending - bending strength	Apr-23	
2011024	ISO 2528	<input type="checkbox"/> Sheet materials - Water vapour transmission rate	Oct-23	
2011025	ISO 535	<input type="checkbox"/> Paper and board - Water absorptiveness (Cobb)	Oct-23	
2011026	ISO 5636-3	<input type="checkbox"/> Paper and board - Air permeance (Bendtsen)	Oct-23	

Foams / Composites

Proficiency Test 2023

Art. no.	Standard	Proficiency testing type ^[A]	Period	To view pricing information please visit our online Portal:
2011027	ISO 5636-5	<input type="checkbox"/> Paper and board - Air permeance (Gurley)	Oct-23	Login or register
2011028	ISO 536	<input type="checkbox"/> Paper and board - Grammage	Okt. 23	
2011029	ISO 534	<input type="checkbox"/> Paper and board - Thickness, density, specific volume	Oct-23	
2011030	ISO 12625-3	<input type="checkbox"/> Tissue products - Thickness	Oct-23	
2011031	ISO 12625-8	<input type="checkbox"/> Tissue products - Water-absorption capacity	Oct-23	
2011032	ISO 12625-6	<input type="checkbox"/> Tissue products - Grammage	Oct-23	

Foams (ISO/DBL/PV methods):

2010848	ISO 845	<input type="checkbox"/> Apparent density	Apr-23	
2010829	ISO 1798	<input type="checkbox"/> Tensile test	Apr-23	
2010034	ISO 8067	<input type="checkbox"/> Tear strength (method B)	Apr-23	
2010730	ISO 1856	<input type="checkbox"/> Compression set	Apr-23	
2010036	ISO 3385	<input type="checkbox"/> Fatigue constant-load pounding	Apr-23	
2010831	ISO 3386-1 DBL 5452	<input type="checkbox"/> Compression stress value	Apr-23	
2010038	ISO 2439	<input type="checkbox"/> Hardness (indentation)	Apr-23	
2010874	DBL 5307 FMVSS 302	<input type="checkbox"/> Burning rate	Apr-23	

Foams (parts of ASTM D3574):

2010040	Test B1	<input type="checkbox"/> Indentation Force Deflection Test	Apr-23	
2010042	Test C	<input type="checkbox"/> Compression Force	Apr-23	
2010044	Test D	<input type="checkbox"/> Compression Set	Apr-23	
2010046	Test E	<input type="checkbox"/> Tensile Test	Apr-23	
2010048	Test F	<input type="checkbox"/> Tear Resistance	Apr-23	
2010050	Test I3	<input type="checkbox"/> Fatigue - Constant Force Pounding	Apr-23	
2010052	Test J	<input type="checkbox"/> Steam Autoclave Aging	Apr-23	
2010054	Test K	<input type="checkbox"/> Dry Heat Aging	Apr-23	
2010152	Test L	<input type="checkbox"/> Wet Heat Aging	Apr-23	
2010412	Test N	<input type="checkbox"/> Hysteresis Loss	Apr-23	

Composites - Fibre-reinforced plastics:

2010971	EN 59 ASTM D2583	<input type="checkbox"/> Barcol hardness	May-23	
2010060	EN 2564	<input type="checkbox"/> Fibre-, resin- and void contents	May-23	
2010726	ISO 14125	<input type="checkbox"/> Flexural properties	May-23	
2010724	ISO 14126	<input type="checkbox"/> Compressive properties	May-23	
2010725	ISO 14129	<input type="checkbox"/> 45° tension test method	May-23	
2010772	ISO 14130	<input type="checkbox"/> Apparent interlaminar shear strength	May-23	
2010723	ISO 527-1/-4	<input type="checkbox"/> Tensile test (isotropy, anisotropy)	May-23	
2010768	ISO 527-1/-5	<input type="checkbox"/> Tensile test (unidirectional)	May-23	
2010522	ASTM D5379	<input type="checkbox"/> Shear Properties (V-Notched Beam) [NEW!]	May-23	
2011048	ASTM D7078	<input type="checkbox"/> Rail Shear Method [NEW!]	May-23	
2010524	ISO 13003	<input type="checkbox"/> Fatigue properties - cyclic loading conditions [NEW!]	May-23	
2010062	ISO 2555	<input type="checkbox"/> Apparent viscosity	May-23	
2010068	ISO 3219	<input type="checkbox"/> Viscosity rotational viscometer	May-23	

GRP pipes / cured-in-place pipes (CIPP) - Fibre-reinforced plastics:

2010533	ASTM D638	<input type="checkbox"/> Tensile test [NEW!]	May-23	
2010535	ASTM D790	<input type="checkbox"/> Flexural test [NEW!]	May-23	
2010537	ISO 11296-4 annex B	<input type="checkbox"/> Short-term flexural properties [NEW!] (ASTM F2019 appendix X2)	May-23	

Registration - Proficiency test 2023

In the tables above each Proficiency test has been allocated to a **fixed test period** respectively to a fixed time planning.

Proficiency Tests with the period March 2023

- 1** Sample shipment: 27.-31. March 2023
Reporting Deadline: 26. May 2023

Proficiency Tests with the period April 2023

- 2** Sample shipment: 24.-28. April 2023
Reporting Deadline: 23. June 2023

Proficiency Tests with the period May 2023

- 3** Sample shipment: 22.-26. May 2023
Reporting Deadline: 28. July 2023

Proficiency Tests with the period October 2023

- 4** Sample shipment: 16.-20. October 2023
Reporting Deadline: 1. December 2023

Do not hesitate to contact the DRRR-team:

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Additional samples are required for the following tests:

Quantity	Art.- No./ Proficiency testing type
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

If you register for a large number of Proficiency tests please contact us for special prices!

- An offer with the total costs is needed
 A Purchase order from the purchasing department will follow

Registration by mail:

info@DRRR.de

Hereby we confirm obligatorily the participation in the above mentioned test(s) and the order for the additional sample sets.

company

company (additional line)

contact person

street

post-code / city

country (if not Germany)

e-mail

VAT-ID-No. (if available)

date: