

Inspection body

We are an inspection body, reference material producer and proficiency testing (PT) provider. For a wide selection of proficiency testing schemes the DRRR is accredited acc. DIN EN ISO/IEC 17043 (please look into the appendix of our scope of accreditation). Proficiency Testing schemes that are not covered by the scope of accreditation are specially marked with °) in the product catalogue/on the homepage.

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 2020 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



Statistical principles

Depending on the distribution of the data, the following statistical methods are used for evaluation, amongst others:

- sensible statistics
- sensible statistics with outlier elimination (e.g. Grubbs or expert outliers)
- robust statistics (Hampel-Schätzer, Q-method)



Registration/information

Simply brilliant, your proficiency testing with ODIN.

- Convenient proficiency testing participation with ODIN easy, safe and clearly
- Fast and easy online registration / online announcement in our online catalogue
 - Direct management and booking of the proficiency testing
 - Overview about the registered proficiency testing schemes
 - Fast and secure submission of your results via ODIN
 - Online access to individual customers reports and certificates
 - Supervisor rights available to overview all PTs of a multi-site company
 - saving of costs through booking and submission of your results via ODIN

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

<http://www.drrr.de/en/proficiency-testing/material-testing/>



For questions and suggestions do not hesitate to contact us!

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Art. no.	Standard	Proficiency testing type	period	Price*	Add. samples
Mechanical properties (ISO):					
		<u>Tensile test:</u>			
2010754	ISO 527-1/-2	<input type="checkbox"/> Modulus of Elasticity	Apr-20	305 €	150 €
2010755	ISO 527-1/-2	<input type="checkbox"/> Tensile strength, elongation	Apr-20	305 €	150 €
2010988	ISO 527-1/-2	<input type="checkbox"/> Tensile test "package" (3 parameters above)	Apr-20	425 €	150 €
2010765	ISO 527-1/-2	<input type="checkbox"/> Tensile Test at +80°C	Apr-20	305 €	100 €
2010766	ISO 527-1/-2	<input type="checkbox"/> Tensile Test at -30°C	Apr-20	305 €	100 €
2010881	ISO 899-1	<input type="checkbox"/> Tensile creep test	Apr-20	305 €	150 €
2010116	not specified	<input type="checkbox"/> ° High Speed Tensile Test by using a servo-hydraulic test instrument [NEW!]	Apr-20	305 €	150 €
		<u>Flexural test:</u>			
2010783	ISO 178	<input type="checkbox"/> Flexural Modulus	Apr-20	305 €	150 €
2010812	ISO 178	<input type="checkbox"/> Stress at conventional deflection	Apr-20	305 €	150 €
2010784	ISO 178	<input type="checkbox"/> Flexural strength / elongation	Apr-20	305 €	150 €
2010989	ISO 178	<input type="checkbox"/> Flexural test "package" (4 parameters above)	Apr-20	425 €	150 €
2010004	ISO 16770	<input type="checkbox"/> ° Full-notch creep test [FNCT]	Apr-20	305 €	120 €
2010756	ISO 604	<input type="checkbox"/> Compression test (strength, elongation)	Apr-20	305 €	150 €
2010773	ISO 179-1/1eU	<input type="checkbox"/> Charpy unnotched impact test +23 °C	Apr-20	305 €	150 €
2010782	ISO 179-1/1eA	<input type="checkbox"/> Charpy notched impact test +23 °C	Apr-20	305 €	150 €
2010824	ISO 179-1	<input type="checkbox"/> Charpy impact test -30 °C	Apr-20	305 €	150 €
2010774	ISO 180	<input type="checkbox"/> Izod impact properties +23 °C	Apr-20	305 €	150 €
2010884	DIN 53435	<input type="checkbox"/> Dynstat impact properties	Apr-20	305 €	150 €
2010885	DIN 53435	<input type="checkbox"/> Dynstat 3.5 % flexural stress	Apr-20	305 €	150 €
2010977	ISO 8256	<input type="checkbox"/> ° Tensile-impact test (type 1, met. A)	Apr-20	305 €	150 €
2010882	ISO 6603-2	<input type="checkbox"/> Instrumented puncture impact test	Apr-20	305 €	175 €
2010757	ISO 6721-5	<input type="checkbox"/> DMA - Temperature sweep and Tg	Apr-20	305 €	150 €
Mechanical properties (ASTM):					
2010886	ASTM D638	<input type="checkbox"/> Tensile test (modulus, strength, elongation)	Apr-20	335 €	150 €
2010888	ASTM D790	<input type="checkbox"/> Flexural test (modulus, strength, elongation)	Apr-20	335 €	150 €
2010006	ASTM D256	<input type="checkbox"/> Izod impact properties +23 °C	Apr-20	305 €	150 €
2010883	ASTM D3763	<input type="checkbox"/> Instrumented puncture impact test	Apr-20	305 €	175 €
Specimen injection moulding (type 1A):					
2010785	ISO 527-1/-2	<input type="checkbox"/> Injection moulding and tensile test	Apr-20	305 €	150 €
2010786	ISO 178	<input type="checkbox"/> Injection moulding and flexural test	Apr-20	305 €	150 €
2010787	ISO 179-1	<input type="checkbox"/> Injection moulding and Charpy impact test	Apr-20	305 €	150 €
Cutting of specimen:					
2010813	ISO 527-1/-2	<input type="checkbox"/> Cutting (type 1B) and tensile test	Apr-20	305 €	115 €
2010814	ISO 527-1/-2	<input type="checkbox"/> Cutting (type 5A) and tensile test	Apr-20	305 €	115 €
Polyamide 6 und 6.6:					
2010815	ISO 527-1/-2	<input type="checkbox"/> Tensile test	Apr-20	305 €	150 €
2010816	ISO 178	<input type="checkbox"/> Flexural test	Apr-20	305 €	150 €
2010817	ISO 179-1	<input type="checkbox"/> Charpy flexural impact test	Apr-20	305 €	150 €



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Questions and suggestions

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Thermoplastics

Proficiency tests 2020

Art. no.	Standard	Proficiency testing type	period	Price*	Add. samples
Density Hardness Ash content:					
2010769	ISO 1183-1 and ASTM D792	<input type="checkbox"/> Density I (Apr.)	Apr-20	305 €	120 €
2010984		<input type="checkbox"/> Density II (Oct.)	Oct-20	305 €	120 €
2010741	ISO 1172 and ISO 3451-1	<input type="checkbox"/> Ash content	Apr-20	305 €	120 €
2010742	ISO 868	<input type="checkbox"/> Hardness Shore D	Apr-20	305 €	120 €
2010811	ISO 2039-1	<input type="checkbox"/> Ball indentation hardness	Apr-20	305 €	120 €



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Rheological properties:					
2010825	ISO 1133-1 and ASTM D1238	<input type="checkbox"/> Melt flow/volume rate MFR/MVR I (Mar.)	Mar-20	305 €	120 €
2010008		<input type="checkbox"/> Melt flow/volume rate MFR/MVR II (Oct.)	Oct-20	305 €	120 €
2010213	ISO 1133-2	<input type="checkbox"/> Melt flow and volume rate of moisture sensitive materials [NEW!]	Mar-20	305 €	120 €
2010861	ISO 1133	<input type="checkbox"/> MFR/MVR (high temperature > 300°C)	Mar-20	305 €	120 €
2010795	ISO 307	<input type="checkbox"/> Viscosity number (sulfuric acid)	Mar-20	305 €	120 €
2010857	ISO 307	<input type="checkbox"/> Viscosity number (m-cresol)	Mar-20	305 €	120 €
2010858	ISO 307	<input type="checkbox"/> Viscosity number (formic acid)	Mar-20	305 €	120 €
2010859	ISO 1628-5	<input type="checkbox"/> Viscosity number of PBT	Mar-20	305 €	120 €
2010788	ISO 11443	<input type="checkbox"/> Fluidity of plastics - capillary rheometers	Mar-20	305 €	120 €
2010789	ISO 6721-10	<input type="checkbox"/> Complex shear viscosity (parallel-plate)	Mar-20	305 €	120 €

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Thermal properties:					
2010743	ISO 11357-3 and ASTM D3418	<input type="checkbox"/> DSC: Melting point/enthalpy I (Mar.)	Mar-20	305 €	120 €
2010985		<input type="checkbox"/> DSC: Melting point/enthalpy II (Oct.)	Oct-20	305 €	120 €
2010854	ISO 11357-3 and ASTM D3418	<input type="checkbox"/> DSC-Analysis: Glass transition temp.	Mar-20	305 €	120 €
2010855	ISO 11357-6 and ASTM D3895	<input type="checkbox"/> DSC-Analysis: Oxidation Induction time	Mar-20	305 €	120 €
2010297	ISO 11357-4	<input type="checkbox"/> ° DSC-Analysis: specific heat capacity [NEW!]	Mar-20	305 €	120 €
2010856	ISO 11357-7	<input type="checkbox"/> ° DSC-Analysis: Crystallization kinetics	Mar-20	305 €	120 €
2010303	ISO 6964	<input type="checkbox"/> ° Carbon black content by calcination and pyrolysis - method A, B1, B2 and C	Mar-20	305 €	120 €
2010745	ISO 11358	<input type="checkbox"/> Thermogravimetry (TGA) - filler content	Mar-20	305 €	120 €
2010758	ISO 11359	<input type="checkbox"/> Coefficient of linear thermal expansion	Apr-20	305 €	120 €
2010775	ISO 306	<input type="checkbox"/> Vicat softening temperature (VST)	Apr-20	305 €	120 €
2010911	ASTM D1525	<input type="checkbox"/> Vicat softening temperature (VST)	Apr-20	305 €	120 €
2010790	ISO 75	<input type="checkbox"/> Temperature of deflection under load	Apr-20	305 €	120 €
2010791	ASTM D648	<input type="checkbox"/> Deflection temperature under flexural load	Apr-20	305 €	120 €

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Infrared spectroscopy:					
2010818	not specified	<input type="checkbox"/> Quantitative infrared spectroscopy	Mar-20	305 €	120 €
2010210	not specified	<input type="checkbox"/> Identification of plastic granulates	Mar-20	369 €	123 €
2010167	not specified	<input type="checkbox"/> Identification PA types (e.g. PA6, PA 11)	Mar-20	369 €	123 €

Emissions:					
2010851	VDA 270	<input type="checkbox"/> Odour test (PV 3900)	Mar-20	305 €	120 €
2010869	VDA 275	<input type="checkbox"/> Formaldehyde emission (PV 3925)	Mar-20	305 €	175 €
2010843	VDA 277	<input type="checkbox"/> Total carbon emission (PV 3341)	Mar-20	305 €	120 €
2010870	VDA 278	<input type="checkbox"/> ° Thermal desorption analysis	Mar-20	305 €	120 €
2010797	DIN 75201	<input type="checkbox"/> Fogging/Method A	Mar-20	305 €	120 €
2010798	DIN 75201	<input type="checkbox"/> Fogging/Method B (PV 3015)	Mar-20	305 €	120 €

Art. no.	Standard	Proficiency testing type	period	Price*	Add. samples
Plastics - surface testing:					
2010722	ISO 2813	<input type="checkbox"/> Gloss reading at 20°, 60°, 85°	Mar-20	305 €	120 €
2010821	ISO 7724 DIN 53236	<input type="checkbox"/> Colour measurement 8° - ΔE, ΔL, Δa, Δb	Mar-20	305 €	120 €
2010771	DIN 53236	<input type="checkbox"/> Colour measurement 45° - ΔE, ΔL, Δa, Δb	Mar-20	305 €	120 €
2010822	PV 3952	<input type="checkbox"/> Scratch resistance	Mar-20	305 €	120 €
2010823	ISO 1518	<input type="checkbox"/> Erichsen-Hardness pencil (in style of ISO 1518 with hand-operated devices)	Mar-20	305 €	120 €
2010871	DIN 55660-2	<input type="checkbox"/> Surface energy (contact angle)	Mar-20	305 €	120 €
2010872	ISO 4287	<input type="checkbox"/> Roughness (line) contact free	Mar-20	305 €	120 €
2010828	ISO 25178-2	<input type="checkbox"/> Roughness (surface) contact free	Mar-20	305 €	120 €
2010873	ISO 4288	<input type="checkbox"/> Roughness (profile method)	Mar-20	305 €	120 €
2010893	ISO 9352	<input type="checkbox"/> Abrasion by abrasive wheels (Taber)	Mar-20	305 €	120 €
2010981	PV 3987	<input type="checkbox"/> ° Micro scratch resistance high gloss	May-20	305 €	120 €
Plastics - paintwork:					
2010972	ISO 2409	<input type="checkbox"/> ° Cross cutting test	May-20	430 €	155 €
2010849	DBL 5416 and ISO 20567-1	<input type="checkbox"/> ° Multiple stone impact test	May-20	825 €	525 €
2010221	ISO 20567-1	<input type="checkbox"/> ° Multiple stone impact test [NEW!]	May-20	825 €	525 €
2010845	DBL 5416 ISO 16925-b	<input type="checkbox"/> Steam jet test	May-20	825 €	525 €
2010703	PV 1503	<input type="checkbox"/> ° Pressure washer test [NEW!]	May-20	825 €	525 €
2010217	PV 1200	<input type="checkbox"/> ° Environmental Cycle Test (8 cycles) [NEW!] (e.g. delamination, change to appearance)	May-20	430 €	155 €
Metals - paintwork:					
2010024	ISO 6270	<input type="checkbox"/> ° Condensation atmosphere constant humidity (CH) - resistance to humidity (e.g. delamination, corrosion, blistering)	Apr-20	430 €	155 €
2010295	ISO 2360	<input type="checkbox"/> ° Coating thickness [NEW!] Amplitude-sensitive eddy-current method	May-20	305 €	155 €
Plastics - electroplating: [NEW!]					
2010239	ISO 1456	<input type="checkbox"/> ° Coating thickness (Cu / Ni / Cr) Microscopical method (ISO 1463) or Coulometric method (ISO 2177)	May-20	305 €	155 €
2010241	EN 16866 and ASTM B764	<input type="checkbox"/> ° Individual coating thicknesses (nickel), potential differences between nickel layers	May-20	305 €	155 €
2010243	DIN 53100	<input type="checkbox"/> ° Number of micropores / microcracks in chromium coating	May-20	305 €	155 €
2010219	DBL 8465	<input type="checkbox"/> ° Corrosion testing CASS (48 h) including evaluation of the samples	May-20	550 €	250 €



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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 (3-6 cycles)	Apr-20	430 €	155 €
2010867	ISO 4892-2	<input type="checkbox"/> Light fastness - Xenon Arc light (cycle 1)	Apr-20	430 €	155 €
2010866	ASTM G155	<input type="checkbox"/> Light fastness - Xenon Arc light (cycle 1)	Apr-20	430 €	155 €
2010868	ISO 4892-3	<input type="checkbox"/> Exposure - Fluorescent UV lamps	Apr-20	430 €	155 €
2010014	ASTM G154	<input type="checkbox"/> Exposure - Fluorescent UV lamps	Apr-20	430 €	155 €
2010215	PV 1306	<input type="checkbox"/> Tackiness of Polypropylene Parts [NEW!]	Apr-20	430 €	155 €
2010128	PV 3929	<input type="checkbox"/> Weathering (Dry, Hot) - Kalahari test [NEW!]	Apr-20	430 €	155 €
2010130	PV 3930	<input type="checkbox"/> Weathering (Humid, Hot) - Florida test [NEW!]	Apr-20	430 €	155 €
2010846	DIN 75220	<input type="checkbox"/> Sunlight simulation	Apr-20	430 €	155 €
<u>Evaluation: Change of mechanical properties</u>					
2010016	ISO 4892-2	<input type="checkbox"/> Light fastness - Xenon Arc light (cycle 1)	Apr-20	430 €	155 €
Visual evaluation (grey scale/pictorial standards): [NEW!]					
2010026	ISO 105 A02 ISO 105 A03	<input type="checkbox"/> ° Assessment of the color difference on color charts using the grey scale	Apr-20	305 €	120 €
2010701	ISO 4628-2	<input type="checkbox"/> ° Degree of blistering (quantity / size) on photos using the pictorial standards	Apr-20	305 €	120 €
Metals - corrosion testing:					
Reference specimen and laquered plates					
2010820	ISO 9227 (5.2.2)	<input type="checkbox"/> Corrosion testing NSS: reference specimens 48h and plates 480h (e.g. delamination, corrosion, blistering)	Apr-20	430 €	155 €
2010018	ISO 9227 (5.2.4)	<input type="checkbox"/> Corrosion testing CASS: reference specimens 24h and plates 240h (e.g. delamination, corrosion, blistering)	Apr-20	430 €	155 €
Reference specimen (mass loss)					
2010020	ASTM B117	<input type="checkbox"/> ° Salt Spray test	Apr-20	305 €	120 €
2010022	GMW 14872	<input type="checkbox"/> ° Exterior Cyclic Corrosion	Apr-20	305 €	120 €
Aluminum wheels					
2010850	DBL 7381.30	<input type="checkbox"/> Corrosion - (Filiform and CASS)	May-20	1.040 €	550 €
Metals - X-ray fluorescence analysis (XRF): [NEW!]					
2010171	not specified	<input type="checkbox"/> Determination of elements by X-ray fluorescence analysis (XRF), e.g. nickel, copper, zinc, lead	Jul-20	369 €	123 €
2010371	ISO 3497	<input type="checkbox"/> ° Coating thickness X-ray spectrometric method	May-20	430 €	300 €



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Plastic films:

Art. no.	Standard	Proficiency testing type	period	Price*	Ad. samples
2010777	ISO 527-1/-3	<input type="checkbox"/> Tensile Test	Mar-20	305 €	120 €
2010970	ISO 7765-1	<input type="checkbox"/> Impact resistance – free-falling dart	Mar-20	305 €	120 €
2010878	ISO 6383-1	<input type="checkbox"/> Tear resistance - trouser tear method	Mar-20	305 €	120 €
2010838	ISO 6383-2 ASTM D1922	<input type="checkbox"/> Tear resistance - Elmendorf method	Mar-20	305 €	120 €
2010779	ISO 4593	<input type="checkbox"/> Film thickness	Mar-20	305 €	120 €
2010780	ISO 8295	<input type="checkbox"/> Coefficients of friction (static/kinetic)	Mar-20	305 €	120 €
2010879	ISO 11339	<input type="checkbox"/> ° T-peel test	Mar-20	305 €	120 €
2010880	DIN 55529	<input type="checkbox"/> Sealed-seam strength	Mar-20	305 €	120 €
2010847	ISO 15106-3	<input type="checkbox"/> Water vapour transmission rate	Mar-20	305 €	120 €
2010844	ISO 15105-2	<input type="checkbox"/> Gas transmission rate	Mar-20	305 €	120 €
2010781	ISO 14782	<input type="checkbox"/> Transparency/Haze	Mar-20	305 €	120 €
2010012	DIN 55543-5	<input type="checkbox"/> ° Adhesion strength	Mar-20	305 €	120 €
2010312	not specified	<input type="checkbox"/> Identification of multi layer films	Mar-20	369 €	123 €
2010115	not specified	<input type="checkbox"/> Identification of mono layer films	Sep-20	369 €	123 €



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Migration testing:

Proficiency Tests in the field of overall and specific migration can be found in the catalogue "consumer goods" or the online catalogue

Burning behaviour / electrical properties:

2010819	FMVSS 302	<input type="checkbox"/> Burning rate (DIN 75200)	Mar-20	305 €	120 €
2010862	UL 94 HB	<input type="checkbox"/> Burning rate (EN 60695-11-10)	Mar-20	305 €	120 €
2010863	UL 94 V	<input type="checkbox"/> Burning rate (EN 60695-11-10)	Mar-20	305 €	120 €
2010864	EN 60695-2-13	<input type="checkbox"/> Glow-wire ignition temperature (GWIT)	Mar-20	375 €	280 €
2010979	EN 60112	<input type="checkbox"/> ° CTI – Tracking	Mar-20	305 €	120 €

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Plastic pipes / materials for piping systems (PE):

2010792	ISO 1167-1/-2	<input type="checkbox"/> Resistance to internal pressure	Mar-20	305 €	120 €
2010890	ISO 17454	<input type="checkbox"/> Adhesion of multilayer pipes	Mar-20	305 €	120 €
2010891	ISO 9969	<input type="checkbox"/> Thermoplastics pipes - ring stiffness	Mar-20	305 €	120 €
2010980	not specified	<input type="checkbox"/> ° Wall thickness of plastic pipes	Mar-20	305 €	120 €
2010987	ISO 13477	<input type="checkbox"/> ° Resistance to rapid crack propagation (S4 test) - "Critical Pressure"	Mar-20	305 €	120 €
2010004	ISO 16770	<input type="checkbox"/> ° Full-notch creep test [FNCT]	Apr-20	305 €	120 €
2010118	ISO 18488	<input type="checkbox"/> ° Strain Hardening Modulus	Apr-20	305 €	120 €
2010120	ISO 18489	<input type="checkbox"/> ° Crack growth - cracked round bar (CRB)	Apr-20	305 €	120 €

Dimensions of test specimens:

2010978	not specified	<input type="checkbox"/> ° Width and Thickness of specimen (type 1A) e.g. with caliper	Apr-20	305 €	150 €
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Water content | water absorption:

2010793	ISO 15512	<input type="checkbox"/> Water content (Karl-Fischer)	Apr-20	305 €	110 €
2010865	ISO 15512	<input type="checkbox"/> Water content (Aquatrac®) CaH ₂ method	Apr-20	305 €	110 €
2010796	ISO 62	<input type="checkbox"/> Water absorption	Apr-20	305 €	110 €

Rubber & TPE:

Art. no.	Standard	Proficiency testing type	period	Price*	Add. samples
2010727	ISO 2781	<input type="checkbox"/> Density of rubber	May-20	305 €	120 €
2010728	ISO 37	<input type="checkbox"/> Tensile test (specimen type2/S2)	May-20	305 €	120 €
2010729	ISO 37	<input type="checkbox"/> Tensile test (specimen type3/S3A)	May-20	305 €	120 €
2010894	ASTM D412	<input type="checkbox"/> Tensile test	May-20	305 €	120 €
2010897	ISO 34-1	<input type="checkbox"/> Tear strength - Trouser test piece	May-20	305 €	120 €
2010761	ISO 34-1	<input type="checkbox"/> Tear strength - Angle test piece (without nick)	May-20	305 €	120 €
2010760	ISO 34-1	<input type="checkbox"/> Tear strength - Angle test piece (with nick)	May-20	305 €	120 €
2010895	ISO 815	<input type="checkbox"/> Compression set	May-20	305 €	120 €
2010900	ISO 815-2	<input type="checkbox"/> Compression set at lower temperature	May-20	305 €	120 €
2010896	ISO 2285	<input type="checkbox"/> Tension set	May-20	305 €	120 €
2010731	ISO 48-4	<input type="checkbox"/> Hardness Shore A (ISO 868)	May-20	305 €	120 €
2010898	ASTM D2240	<input type="checkbox"/> Hardness Shore A	May-20	305 €	120 €
2010748	ISO 48-2	<input type="checkbox"/> IRHD-Hardness - method M	May-20	305 €	120 €
2010899	ISO 48-2	<input type="checkbox"/> IRHD-Hardness - method N	May-20	305 €	120 €
2010267	ISO 48-4	<input type="checkbox"/> Hardness Shore D [NEW!]	May-20	305 €	120 €
2010762	ISO 4662	<input type="checkbox"/> Rebound resilience	May-20	305 €	120 €
2010763	ISO 4649	<input type="checkbox"/> Abrasion resistance	May-20	305 €	120 €
2010746	ISO 11357-2	<input type="checkbox"/> Glass transition of rubber	May-20	305 €	120 €
2010875	ISO 1407	<input type="checkbox"/> Solvent extract of rubber	May-20	305 €	120 €
2010764	ISO 289-1	<input type="checkbox"/> Mooney viscosity	May-20	305 €	120 €
2010749	ISO 1817	<input type="checkbox"/> Increase in mass (liquid B)	May-20	305 €	120 €
2010750	ISO 11358	<input type="checkbox"/> Thermogravimetry (TGA) - black carbon	May-20	305 €	120 €
2010269	ISO 1431-1	<input type="checkbox"/> ° Resistance to ozone cracking [NEW!]	May-20	305 €	120 €



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Questions and suggestions

Geosynthetics (geomembrane):

2010901	ISO 527-1/-3	<input type="checkbox"/> Tensile test geosynthetics	Mar-20	305 €	120 €
2010902	ASTM D6693	<input type="checkbox"/> ° Tensile test PE/PP Geomembranes	Mar-20	305 €	120 €
2010903	ASTM D1004	<input type="checkbox"/> ° Tear Resistance (Graves Tear)	Mar-20	305 €	120 €
2010904	ISO 12236	<input type="checkbox"/> Static puncture Test (CBR-Test)	Mar-20	305 €	120 €
2010905	ASTM D4833	<input type="checkbox"/> Index Puncture Resistance	Mar-20	305 €	120 €
2010912	DIN EN 14576	<input type="checkbox"/> Stress Crack Resistance	Mar-20	305 €	120 €
2010913	ASTM D5397	<input type="checkbox"/> Stress Crack Resistance	Mar-20	305 €	120 €
2010906	ISO 9863-1	<input type="checkbox"/> Thickness at specified pressures (20 kPa)	Mar-20	305 €	120 €
2010907	ASTM D5199	<input type="checkbox"/> ° Measuring the Nominal Thickness	Mar-20	305 €	120 €
2010908	ASTM D5994	<input type="checkbox"/> ° Measuring Core Thickness	Mar-20	305 €	120 €
2010909	EN 1107-2	<input type="checkbox"/> Dimensional stability	Mar-20	305 €	120 €
2010910	ASTM D7466	<input type="checkbox"/> ° Asperity Height	Mar-20	305 €	120 €
2010759	ISO 11358	<input type="checkbox"/> Carbon black content (TGA)	Apr-20	305 €	120 €
2010876	ASTM D4218	<input type="checkbox"/> Carbon black content (muffle-furnace)	Mar-20	305 €	120 €
2010877	ASTM D5596	<input type="checkbox"/> Dispersion of Carbon Black	Mar-20	305 €	120 €

Do not hesitate to contact the DRRR-team:

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Foams / board Composites Proficiency Test 2020

Foams (ISO/DBL methods):

Art. no.	Standard	Proficiency testing type	period	Price*	Ad. samples
2010848	ISO 845	<input type="checkbox"/> Apparent density	Apr-20	305 €	215 €
2010829	ISO 1798	<input type="checkbox"/> Tensile test	Apr-20	305 €	215 €
2010034	ISO 8067	<input type="checkbox"/> ° Tear strength	Apr-20	305 €	215 €
2010730	ISO 1856	<input type="checkbox"/> Compression set	Apr-20	305 €	215 €
2010036	ISO 3385	<input type="checkbox"/> ° Fatigue constant-load pounding	Apr-20	305 €	215 €
2010831	ISO 3386-1 DBL 5452	<input type="checkbox"/> Compression stress value CV40	Apr-20	305 €	215 €
2010038	ISO 2439	<input type="checkbox"/> ° Hardness (indentation)	Apr-20	375 €	250 €
2010874	DBL 5307 FMVSS 302	<input type="checkbox"/> Burning rate	Apr-20	305 €	215 €



The accreditation only applies to the determined content of the scope of the certificate.

Dates and prices

For further information regarding dates and prices please refer to the last page of this form.

* Price for report by postal delivery + 40,00 €/ prices shall be net, plus value-added tax

Questions and suggestions

Do not hesitate to contact the DRRR-team:

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Foams (ASTM D3574): [NEW!]

The following methods refer to the parts of ASTM D3574					
2010040	Test B1	<input type="checkbox"/> ° Indentation Force Deflection Test	Apr-20	305 €	215 €
2010042	Test C	<input type="checkbox"/> ° Compression Force	Apr-20	305 €	215 €
2010044	Test D	<input type="checkbox"/> ° Compression Set	Apr-20	305 €	215 €
2010046	Test E	<input type="checkbox"/> ° Tensile Test	Apr-20	305 €	215 €
2010048	Test F	<input type="checkbox"/> ° Tear Resistance	Apr-20	305 €	215 €
2010050	Test I3	<input type="checkbox"/> ° Fatigue - Constant Force Pounding	Apr-20	305 €	215 €
2010052	Test J	<input type="checkbox"/> ° Steam Autoclave Aging	Apr-20	305 €	215 €
2010054	Test K	<input type="checkbox"/> ° Dry Heat Aging	Apr-20	305 €	215 €
2010152	Test L	<input type="checkbox"/> ° Wet Heat Aging	Apr-20	305 €	215 €
2010412	Test N	<input type="checkbox"/> ° Hysteresis Loss	Apr-20	375 €	250 €

Board: [NEW!]

2010058	EN 310 / DBL 5472	<input type="checkbox"/> ° Modulus in bending - bending strength	Apr-20	305 €	120 €
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Composites - Fibre-reinforced plastics:

2010971	EN 59 ASTM D2583	<input type="checkbox"/> Barcol hardness	May-20	380 €	190 €
2010060	EN 2564	<input type="checkbox"/> ° Fibre-, resin- and void contents	May-20	380 €	190 €
2010726	ISO 14125	<input type="checkbox"/> Flexural properties	May-20	800 €	400 €
2010724	ISO 14126	<input type="checkbox"/> Compressive properties	May-20	800 €	800 €
2010725	ISO 14129	<input type="checkbox"/> 45° tension test method	May-20	800 €	600 €
2010772	ISO 14130	<input type="checkbox"/> Apparent interlaminar shear strength	May-20	800 €	500 €
2010723	ISO 527-1/-4	<input type="checkbox"/> Tensile test (isotropy, anisotropy)	May-20	800 €	600 €
2010768	ISO 527-1/-5	<input type="checkbox"/> Tensile test (unidirectional)	May-20	800 €	600 €

Resins: [NEW!]

2010062	ISO 2555	<input type="checkbox"/> ° Apparent viscosity	May-20	305 €	120 €
2010068	ISO 3219	<input type="checkbox"/> ° Viscosity rotational viscometer	May-20	305 €	120 €

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 2020

- 1** Sample shipment: 23.-27. March 2020
Reporting Deadline: 29. May 2020

Proficiency Tests with the period April 2020

- 2** Sample shipment: 20.-24. April 2020
Reporting Deadline: 26. June 2020

Proficiency Tests with the period May 2020

- 3** Sample shipment: 25.-29. May 2020
Reporting Deadline: 31. July 2020

Proficiency Tests with the period October 2020

- 4** Sample shipment: 19.-23. October 2020
Reporting Deadline: 4. December 2020

Schedule 2020

4 dates for sample shipment

4 dates for test result submission

The assignment of the individual PT's to the periods can be found in the tables on the previous pages.

Additional samples

If you have further questions do not hesitate to contact us!

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Prices 2020

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!

- Report by postal delivery (+ 40,00 €/Proficiency Test)
 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: