

Test method (price range for one run in €)	Standard	
Tensile test (60 to 350) on Test specimen, Films, Parts in standard climate 23 / 50, at temperatures from -80°C to 250°C Thermoplastics Films Elastomers	ISO 527-1 / -2 ISO 527-1 / -3 ISO 37	*
3-Point Flexural test (60 to 350) on Test specimen, Parts in standard climate 23 / 50, at temperatures from -80°C to 250°C Thermoplastics Fibre-reinforced plastic composites	ISO 178 ISO 14125	*
Creep- or Relaxation Test in Tensile or Flexural mode (from 300) on Test specimen, Films, Parts in standard climate 23 / 50, at temperatures from -80°C to 250°C Thermoplastics	ISO 899-1 / -2	
Compression test (60 to 350) on Test specimen, Parts in standard climate 23 / 50, at temperatures from -80°C to 250°C Thermoplastics	ISO 604	
Impact test (60 to 120) on Test specimen, Parts in standard climate 23 / 50, at temperatures from -80°C to 130°C Thermoplastics, acc. Charpy Thermoplastics, acc. Izod	ISO 179-1 ISO 180	* *
Tensile Impact test (60 to 120) on Test specimen, Films, Parts in standard climate 23 / 50, at temperatures from -80°C to 130°C Thermoplastics	ISO 8256	
Instrumented puncture test (100 to 300) on Test specimen, Films, Parts in standard climate 23 / 50, at temperatures from -80°C to 130°C Thermoplastics Films	ISO 6603-2 ISO 7765-2	
Hardness (60 to 120) on Test specimen, Parts Ball Indentation hardness Shore Hardness, Method A and D	ISO 2039-1 ISO 868	* *
Density (60 to 120) on Test specimen, Parts Method A – Immersion method	ISO 1183-1	*
Test specimen preparation (60 to 120) Mechanical preparation of specimen from parts (cutting, notching) Conditioning of test specimen, parts at special climate	ISO 2818 ISO 62, ISO 1110	** **

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<u>Test method (price range for one run in €)</u>	<u>Standard</u>
Vicat Softening temperature (60 to 120) on Test specimen, Parts at temperatures up to 300°C Thermoplastics	ISO 306 *
Temperature of deflection under load in oil (60 to 120) on Test specimen, Parts at temperatures up to 300°C Thermoplastics	ISO 75-1 / -2 *
Mineral-filler content, Ash content (60 to 120) on Granules, Test specimen, Parts at temperatures up to 1100°C Textile-glass-reinforced plastics, Calcination method A Plastics, determination of ash	ISO 1172 * ISO 3451-1 *
Fogging behaviour (100 to 300) on Test specimen, Parts Method A (Reflection) and Method B (condensable constituent)	DIN 75 201
Heat Aging (from 50 one day) on Test specimen, Parts Aging ovens for ageing procedures Determination of thermal oxidative stability in air	IEC 60216-4-1 ** ISO 4577 **
Melt flow rate MFR & MVR (100 to 300) on Granules, Test specimen, Parts Procedure A (mass measurement) and B (distance measurement)	ISO 1133-1 / -2
Measurement of parts by picture analysis (200 to 500) e. G. statistical distribution of fibre length	ISO 22314
FTIR-Analysis (150 to 300) Transmission, Microscope: Transmission, Reflection, ATR Organic compounds, IR-Spectroscopy Petroleum products and related products, IR Analysis	DIN EN 6042 DIN 51451

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* standardized test method in the
scope of accreditation acc.
DIN EN ISO/IEC 17025:2005

** test method referenced by the
scope of accreditation

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