

Prices for laboratory tests

Accredited Laboratory
DIN EN ISO/IEC 17025



REG. NR. 2288
ISO / TS 16949
ISO 14001



Deutsche
Akkreditierungsstelle
D-PL-14280-01-00

AKRO-PLASTIC GmbH

Ein Unternehmen der Feddersen-Gruppe

Industriegebiet Brohltal Ost
Im Stiefelfeld 1
56651 Niederzissen

P.O.B. 67
56649 Niederzissen

Telefon: +49 2636 9742-0
Telefax: +49 2636 9742-31
info@akro-plastic.com
www.akro-plastic.com

Geschäftsführer:
Dirk Steinbrück, Andreas Stuber
Aufsichtsratsvorsitzender:
Dr. Matthias von Rönn

Amtsgericht Koblenz HRB 12227
Ust-IdNr. DE811117257

Pos.	Test	Unit	Norm	Price (€)
General properties				
100	Density	g/cm ³	DIN EN ISO 1183-1	50
102	Residual humidity	%	DIN EN ISO 15512/B	60
103	Bulk density	g/l	DIN EN ISO 60	20
104	Injection molding (plaques/specimens)	h	-	150 €/h
Mechanical properties				
121	Charpy notched impact strength	kJ/m ²	DIN EN ISO 179-1/1eA	60
122	Charpy impact strength	kJ/m ²	DIN EN ISO 179-1/1eU	50
123	Charpy notched impact strength (-30 bis -50°C)	kJ/m ²	DIN EN ISO 179-1/1eA***	85
124	Charpy impact strength (-30 bis -50°C)	kJ/m ²	DIN EN ISO 179-1/1eU***	80
125	IZOD notched impact strength	kJ/m ²	DIN EN ISO 180 An	80
126	IZOD impact strength	kJ/m ²	DIN EN ISO 180 U An	70
127	IZOD notched impact strength (-30 bis -50°C)	kJ/m ²	DIN EN ISO 180 An***	105
128	IZOD impact strength (-30 bis -50°C)	kJ/m ²	DIN EN ISO 180 U An***	95
129	Shore-A- hardness	-	DIN EN ISO 868	20
130	Shore-D-hardness	-	DIN EN ISO 868	20
Tensile test (Pos. 140 or 141-146)				115
140	Nominal strain at break	%	DIN EN ISO 527-2	-
141	Tensile strain at yield	%	DIN EN ISO 527-2	-
142	Tensile stress at yield	MPa	DIN EN ISO 527-2	-
143	Tensile modulus	MPa	DIN EN ISO 527-2	-
144	Tensile strength	MPa	DIN EN ISO 527-2	-
145	Tensile strain at break	%	DIN EN ISO 527-2	-
146	Tensile stress at break	MPa	DIN EN ISO 527-2	-
147	Temperature-dependent from 23°C to 200°C		DIN EN ISO 527-2**	190
148	Temperature-dependent from -40°C to 23°C		DIN EN ISO 527-2**	220
Flexural test				115
155	Flexural strain	%	DIN EN ISO 178	
156	Flexural stress	MPa	DIN EN ISO 178	
157	Flexural strength	MPa	DIN EN ISO 178	
158	Flexural modulus I	MPa	DIN EN ISO 178	
159	Temperature-dependent from 23°C to 200°C		DIN EN ISO 178**	190
160	Temperature-dependent from -40°C to 23°C		DIN EN ISO 178**	220

** = in Anlehnung an

Pos.	Test	Unit	Norm	Price (€)
thermische Eigenschaften				
170	DSC-Melting point/ Crystallisation point	°C	DIN EN ISO 11357-3	120
171	TGA	%	DIN EN ISO 11358	120
172	Carbon black content (Rademacher-method)	%	35.08.PV.020	80
173	Ash content	%	DIN EN ISO 1172/A	60
174	VICAT A50/120	°C	DIN EN ISO 306	100
175	VICAT B50/120	°C	DIN EN ISO 306	100
176	Heat deflection temperature HDT/A	°C	DIN EN ISO 75-2/A	100
177	Heat deflection temperature HDT/B	°C	DIN EN ISO 75-2/B	100
178	Heat deflection temperature HDT/C	°C	DIN EN ISO 75-2/C	100
Rheological properties				
201	MFR	g/10 min	DIN EN ISO 1133-2 MFR	60
202	MVR	cm ³ /10 min	DIN EN ISO 1133-2 MVR	50
203	Viscosity number PA (solution 0,005 g/ml - 96% H2SO4)	ml/g	DIN EN ISO 307 PA	100
204	Viscosity number PET/PBT (solution: 0,01 g/ml -DCA)	ml/g	ISO 1628-5	100
Optical properties				
210	Farbe L*, a*, b*	-	35.08.PV.022	30
211	Yellowness Index	-	35.08.PV.022	30
212	Farbe delta E, l, a, b	-	36.08.PV.011	30
213	Rußagglomerate (Größenbestimmung)	µm	35.08.PV.024	100
214	Black Speck Analyse (Anzahl/Größe)		35.08.AA.034	50
Flammabiliy				
240	Flammability UL 94 (cond. 48h/23°C/50%RH)	Class	35.08.PV.008	60
241	Flammability UL 94 (cond. 168h/70°C)	Class	35.08.PV.008	80
242	Flammability UL 94 HB	Class	35.08.PV.009	100
243	Burning rate acc. FMVSS 302 (<100mm/min)	mm/min	ISO 3795	120
244	GWFI (1 temperature)	°C	DIN EN ISO 60695-2-12	50
245	GWFI (temperature detection)	°C	DIN EN ISO 60695-2-12	150
246	GWIT (1 temperature)	°C	DIN EN ISO 60695-2-13	50
247	GWIT (temperature detection)	°C	DIN EN ISO 60695-2-13	150
Instrument-based analytics				
250	FTIR-Spectroscopy	-	35.08.AA.040	100
Test report				
999	Test report according to DIN EN IEC 17025		DIN EN ISO/IEC 17025	120

Accredited test methods according to DIN EN ISO/IEC 17025 are written in **red**

All prices are net prices