

Sicoflex® UP1-30

ABS

Prime Compound

Description:

ABS compound high flowability, general purpose grade, designed for thin walls/flow length.

General

Density	ISO 1183	1.04	g/cm ³
Linear mould shrinkage	ISO 2577	0.4-0.7	%

Thermal

HDT/B (0,46 MPa)	ISO 75	95	°C
HDT/A (1,82MPa)	ISO 75A	92	°C
Vicat softening point (B50 (50N))	ISO 306	95	°C
Vicat softening point (A50(10N))	ISO 306	102	°C

Mechanical

MVR (220°C/10kg)	ISO 1133	34	cm ³ /10 min
Izod notched impact strength (23°C)	ISO 180	22	kJ/m ²
Izod notched impact strength (-30°C)	ISO 180	7	kJ/m ²
Charpy notched impact strength (23 °C)	ISO 179	19	kJ/m ²
Charpy unnotched impact strength (-30°C)	ISO 179	7	kJ/m ²
Tensile stress at yield	ISO 527	44	MPa
Elongation at break	ISO 527	12	%
Tensile modulus	ISO 527	2300	MPa
Flexural strength (+23°C)	ISO 178	65	MPa

Flammability

Flammability (3,2mm)	UL94	HB	
Flammability (1,6mm)	UL94	HB	
Glow wire flammability index (2,0 mm)	IEC 60695-2-12	650	°C

Various

Moisture absorption (Saturation 23°C)	ISO 62	0,95	
Volume resistivity	IEC 60093	1.00E+13	Ohm.cm

Remark:

EX Ultrapolymer UP1-30

The data and information contained herein are typical average values, based on our current level of knowledge and experience, and do not constitute sales specifications. No liability, warranty or guarantee of product performance is created by this document. It is the buyer's responsibility to inspect and test our products in order to determine the suitability for the buyer's application.

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