

Sicoflex[®] S358

ABS
Prime Compound

Description:

ABS 30% glass fibre filled

General

MFI (220°C/10kg)	ISO 1133	4	g/10min
Density	ISO 1183	1.26	g/cm ³
Water absorption (23°C;50%RH)	ASTM D570	0.25	%
Linear mould shrinkage	ISO 2577	0.1-0.3	%

Thermal

HDT/A (1,82MPa)	ISO 75A	100	°C
Vicat softening point (B50 (50N))	ISO 306	104	°C
Vicat softening point (A50(10N))	ISO 306	112	°C
Ball pressure test (75°C)	IEC 335	Pass	°C

Mechanical

Izod notched impact strength (23°C)	ISO 180/A	6	kJ/m ²
Izod notched impact strength (-30°C)	ISO 180/A	3	kJ/m ²
Tensile stress at break	ISO 527	78	MPa
Elongation at break	ISO 527	3	%
Flex modulus	ISO 178	7200	MPa

Flammability

Flammability (3,2mm)	UL94	HB	
Flammability (1,6mm)	UL94	HB	
Burning rate (FMVSS 302)	ISO 3795	20	mm/min
Glow wire flammability index (2,0 mm)	IEC 60695-2-12	650	°C

Various

Surface resistivity	IEC 60093	1.00E+15	Ohm
Volume resistivity	IEC 60093	1.00E+14	Ohm.cm
Dielectric rigidity (Oil 1mm)	IEC 60243-1	33	kV/mm
CTI	IEC 60112	575	V

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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Issue Date:
Mar 2011