

Sicoblend[®] N108

PA/ABS Blend
Prime Compound

Description:

PA/ABS 8% glass fibre filled grade

General

Density	ISO 1183	1.12	g/cm ³
Water absorption (24 hrs saturation)	ISO 62	1.2	%
Linear mould shrinkage	ISO 2577	0.6-0.9	%
MFI (240°C/10kg)	ISO 1133	20	g/10min

Thermal

HDT/A (1,82MPa)	ISO 75A	90	°C
Vicat softening point (B50 (50°C/h, 50N))	ISO 306	113	°C
Melting point	ISO 3146	235	°C

Mechanical

Izod notched impact strength (23°C)	ISO 180/A	9	kJ/m ²
Izod notched impact strength (-30°C)	ISO 180/A	4	kJ/m ²
Tensile stress at yield	ISO 527	55	MPa
Tensile stress at break	ISO 527	50	MPa
Elongation at break	ISO 527	7	%
Flex modulus	ISO 178	3000	MPa
Flexural strength (+23°C)	ISO 178	70	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

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:
Jul 2010