

Sicoblend® N108 F - Preliminary

PA/ABS Blend
Prime Compound

Description:

PA/ABS blend 8% glass fiber filled and improved flowability

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	40	g/10min

Thermal

HDT/A (1,82MPa)	ISO 75A	88	°C
Vicat softening point (B50 (50N))	ISO 306	110	°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	50	MPa
Tensile stress at break	ISO 527	45	MPa
Elongation at break	ISO 527	7	%
Flex modulus	ISO 178	2900	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

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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