

Sicoblend N108

Acrylonitrile Butadiene Styrene + Nylon
Ravago Group

Message:
PA/ABS 8% glass fibre filled grade

General Information			
Filler / Reinforcement	Glass Fiber,8.0% Filler by Weight		
Physical	Nominal Value	Unit	Test Method
Density	1.12	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (240°C/10.0 kg)	20	g/10 min	ISO 1133
Molding Shrinkage	0.60 to 0.90	%	ISO 2577
Water Absorption (23°C, 24 hr)	1.2	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2
Yield	55.0	MPa	
Break	50.0	MPa	
Tensile Strain (Break)	7.0	%	ISO 527-2
Flexural Modulus	3000	MPa	ISO 178
Flexural Stress	70.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180/1A
-30°C	4.0	kJ/m ²	
23°C	9.0	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Annealed)	90.0	°C	ISO 75-2/A
Vicat Softening Temperature	113	°C	ISO 306/B50
Melting Temperature (DSC)	235	°C	ISO 3146
Flammability	Nominal Value	Unit	Test Method
Flame Rating ¹			Internal Method
1.60 mm	HB		
3.20 mm	HB		
Glow Wire Flammability Index (2.00 mm)	650	°C	IEC 60695-2-12
NOTE			
1.	UL94 internally tested		

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