

Sicoblend N8065

Acrylonitrile Butadiene Styrene + Nylon
Ravago Group

Message:
PA/ABS high impact grade

General Information			
Features	High Impact Resistance		
Physical	Nominal Value	Unit	Test Method
Density	1.07	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (240°C/10.0 kg)	24	g/10 min	ISO 1133
Molding Shrinkage	0.60 to 0.90	%	ISO 2577
Water Absorption (23°C, 24 hr)	1.4	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2
Yield	40.0	MPa	
Break	35.0	MPa	
Tensile Strain (Break)	100	%	ISO 527-2
Flexural Modulus	1800	MPa	ISO 178
Flexural Stress	55.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180/1A
-30°C	18	kJ/m ²	
23°C ¹	No Break		
23°C	70	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Annealed)	65.0	°C	ISO 75-2/A
Vicat Softening Temperature	103	°C	ISO 306/B50
Melting Temperature (DSC)	230	°C	ISO 3146
Flammability	Nominal Value		Test Method
Flame Rating ²			Internal Method
1.60 mm	HB		
3.20 mm	HB		
NOTE			
1.	Reverse Impact		
2.	UL94 internally tested		

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