



Ravamid® B N GR 133 L

Ravago Manufacturing Europe - Polyamide 6

General Information

General

Material Status	• Commercial: Active	
Availability	• Europe	
Additive	• Impact Modifier	
Recycled Content	• Yes	
Features	• Good Flow	• Impact Modified
Appearance	• Grey	

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.11	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (275°C/1.2 kg)	30	g/10 min	ISO 1133
Molding Shrinkage	1.3	%	ISO 2577
Humidity	< 0.25	%	ISO 960
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	50.0	MPa	ISO 527-2
Tensile Stress (Break)	40.0	MPa	ISO 527-2
Tensile Strain (Break)	65	%	ISO 527-2
Flexural Modulus	1900	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179
-30°C	8.0	kJ/m ²	
23°C	11	kJ/m ²	
Notched Izod Impact Strength			ISO 180
-30°C	8.0	kJ/m ²	
23°C	11	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ISO 75-2/A
1.8 MPa, Unannealed	60.0	°C	
Vicat Softening Temperature	200	°C	ISO 306/B50
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94
1.6 mm		HB	
3.2 mm		HB	
Glow Wire Flammability Index (2.0 mm)	650	°C	IEC 60695-2-12

Notes

¹ Typical properties: these are not to be construed as specifications.