



Ravamid® A GB 30 BK

Ravago Manufacturing Europe - Polyamide 66

General Information

Product Description

Polyamide 66 black containing recycled material, 30% glass beads reinforced, also available Heat Stabilized (H) and UV Stabilized (UV)

General

Material Status	• Commercial: Active
Availability	• Europe
Filler / Reinforcement	• Glass Bead, 30% Filler by Weight
Recycled Content	• Yes
Appearance	• Black

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.35	g/cm ³	ISO 1183
Molding Shrinkage			
Across Flow	1.0	%	
Flow	0.80	%	
Humidity	< 0.15	%	ISO 960
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	4500	MPa	ISO 527-1
Tensile Stress (Yield)	60.0	MPa	ISO 527-2
Tensile Stress (Break)	55.0	MPa	ISO 527-2
Tensile Strain (Break)	7.0	%	ISO 527-2
Flexural Modulus	3800	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	4.0	kJ/m ²	ISO 179
Charpy Unnotched Impact Strength (23°C)	30	kJ/m ²	ISO 179
Notched Izod Impact Strength (23°C)	5.5	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load 1.8 MPa, Unannealed	85.0	°C	ISO 75-2/A
Flammability	Nominal Value	Unit	Test Method
Burning Rate ²	< 100	mm/min	ISO 3795
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.

² FMVSS 302