



Ravamid® ECO B GF 30 BK

Ravago Manufacturing Europe - Polyamide 6

General Information

Product Description

Polyamide 6 black, containing recycled material, 30% glass fibre reinforced, also available UV Stabilised (UV)

General

Material Status	• Commercial: Active
Availability	• Europe
Filler / Reinforcement	• Glass Fiber, 30% Filler by Weight
Additive	• Heat Stabilizer
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	0.85	%	
Flow	0.18	%	
Humidity	< 0.20	%	ISO 960
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	4800	MPa	ISO 527-1
Tensile Stress (Break)	85.0	MPa	ISO 527-2
Tensile Strain (Break)	5.5	%	ISO 527-2
Flexural Modulus	4400	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	5.5	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	35	kJ/m ²	ISO 179/1eU
Notched Izod Impact Strength (23°C)	5.5	kJ/m ²	ISO 180/A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ISO 75-2/A
1.8 MPa, Unannealed	190	°C	

Notes

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