



Ravamid® B ST BK45

Ravago Manufacturing Europe - Polyamide 6

General Information

Product Description

Polyamide 6 black, containing recycled material, high impact modified, also available UV Stabilized (UV)

General

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

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.09	g/cm ³	ISO 1183
Molding Shrinkage			
Across Flow	1.1	%	
Flow	1.0	%	
Humidity	< 0.25	%	ISO 960
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	45.0	MPa	ISO 527-2
Tensile Stress (Break)	35.0	MPa	ISO 527-2
Tensile Strain (Break)	20	%	ISO 527-2
Flexural Modulus	2100	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	13	kJ/m ²	ISO 179
Notched Izod Impact Strength (23°C)	13	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ISO 75-2/A
1.8 MPa, Unannealed	50.0	°C	
Vicat Softening Temperature	190	°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.