

Ravamid® B GF 15 ST BK45

Polyamide 6
Industrial Quality Compound

Description:

Polyamide 6 black, containing recycled material, 15 % glass fiber reinforced, good mechanical properties, high impact modified

General

Density	ISO 1183	1.17	g/cm ³
Linear mould shrinkage	ASTM D955	0,35-0,95	%

Thermal

HDT/A (1,82MPa)	ISO 75A	190	°C
Vicat softening point (B50 (50N))	ISO 306	195	°C
Melting point	ISO 3146	220	°C

Mechanical

Izod notched impact strength (23°C)	ISO 180	9,5	kJ/m ²
Charpy notched impact strength (23 °C)	ISO 179	9	kJ/m ²
Charpy unnotched impact strength (23 °C)	ISO 179	50	kJ/m ²
Tensile stress at break	ISO 527	85	MPa
Elongation at break	ISO 527	5	%
Tensile modulus	ISO 527	4300	MPa
Flex modulus	ISO 178	3500	MPa

Flammability

Flammability (3,2mm)	UL94	HB	
Flammability (1,6mm)	UL94	HB	
Burning rate (FMVSS 302)	ISO 3795	<100	mm/min
Glow wire flammability index (2,0 mm)	IEC 60695-2-12	650	°C

Various

Humidity	ISO 960	≤0.20	%
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The data and information contained herein are typical average values, based on our current level of knowledge and experience, and do not constitute sales specifications. No liability, warranty or guarantee of product performance is created by this document. Ravago industrial quality compounds are totally or partially produced with non-prime quality ingredients. Even though the selection of the raw materials, the production and the quality control is being done following to the common best practices, it is the buyer's responsibility to inspect and test our products in order to determine the suitability for the buyer's application.

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