

Ravamid® B GF15 T BK45

Polyamide 6
Industrial Quality Compound

Description:

Recycled PA6, 15 % glass fiber reinforced, impact modified, also available Heat stabilized (H) and UV stabilized (UV).

General

Density	ISO 1183	1.2	g/cm ³
Linear mould shrinkage	ASTM D955	0,33-0,90	%

Thermal

HDT/A (1,82MPa)	ISO 75A	180	°C
Melting point	ISO 3146	220	°C

Mechanical

Izod notched impact strength (23°C)	ISO 180	7.0	kJ/m ²
Charpy notched impact strength (23 °C)	ISO 179	6.5	kJ/m ²
Charpy unnotched impact strength (23 °C)	ISO 179	35	kJ/m ²
Tensile stress at break	ISO 527	85	MPa
Elongation at break	ISO 527	4.0	%
Tensile modulus	ISO 527	4200	MPa
Flex modulus	ISO 178	3600	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
Glow wire flammability index (2,0 mm)	IEC 60695-2-12	650	°C

Various

Humidity	ISO 960	≤0.20	%
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