

Ravamid[®] B GF15 T NC

Polyamide 6
Industrial Quality Compound

Description:

Polyamide 6 natural containing recycled material, 15% glass fiber reinforced, good mechanical properties. Also available Heat Stabilized (H) and UV Stabilized (UV).

General

Density	ISO 1183	1.23	g/cm ³
Mold shrinkage (Parallel)		0.75	%
Mold shrinkage (Perpendicular)		1.00	%

Thermal

HDT/A (1,82MPa)	ISO 75A	190	°C
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Mechanical

Izod notched impact strength (23 °C)	ISO 180	8,0	kJ/m ²
Charpy notched impact strength (23 °C)	ISO 179	6,5	kJ/m ²
Tensile strength at break (23 °C)	ISO 527	90	MPa
Elongation at break (23 °C)	ISO 527	4.5	%
Tensile modulus (23 °C)	ISO 527	4500	MPa
Flexural modulus (23 °C)	ISO 178	3800	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	≤0.15	%
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