

Ravamid[®] B GF25 NC

Polyamide 6
Industrial Quality Compound

Description:

Polyamide 6, containing recycled material, 25% glass fiber reinforced, good mechanical properties. Also available Heat Stabilized (H) and UV Stabilized (UV)

General

Density	ISO 1183	1,32	g/cm ³
Mold shrinkage (Parallel)		0,45	%
Mold shrinkage (Perpendicular)		0,90	%

Thermal

HDT/A (1,82MPa)	ISO 75A	180	°C
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Mechanical

Izod notched impact strength (23 °C)	ISO 180	8,5	kJ/m ²
Charpy notched impact strength (23 °C)	ISO 179	8,0	kJ/m ²
Charpy unnotched impact strength (23 °C)	ISO 179	50	kJ/m ²
Tensile strength at break (23 °C)	ISO 527	120	MPa
Elongation at break (23 °C)	ISO 527	4	%
Tensile modulus (23 °C)	ISO 527	6500	MPa
Flexural modulus (23 °C)	ISO 178	5600	MPa

Flammability

Flammability (3,2mm)	UL94	HB	
Flammability (1,6mm)	UL94	HB	
Glow wire flammability index (2,0 mm)	IEC 60695-2-12	650	°C

Various

Humidity	ISO 960	≤0.15	%
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