



Ravamid[®] A GF 40 BK

Polyamide 66
Industrial Quality Compound

Description:

Polyamide 66 black containing recycled material, 40% glass fibre reinforced, good mechanical properties

General

Density	ISO 1183	1,48	g/cm ³
Mold shrinkage (Parallel)		0,33	%
Mold shrinkage (Perpendicular)		0,70	%

Thermal

HDT/A (1,82MPa)	ISO 75A	215	°C
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Mechanical

Izod notched impact strength (23 °C)	ISO 180	7,5	kJ/m ²
Charpy notched impact strength (23 °C)	ISO 179	7,0	kJ/m ²
Charpy unnotched impact strength (23 °C)	ISO 179	55	kJ/m ²
Tensile strength at yield (23 °C)	ISO 527	155	MPa
Elongation at break (23 °C)	ISO 527	3,5	%
Tensile modulus (23 °C)	ISO 527	9100	MPa
Flexural modulus (23 °C)	ISO 178	8600	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	≤0.10	%
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