

Ravamid[®] B T BK45

Polyamide 6
Industrial Quality Compound

Description:

Polyamide 6 black containing recycled material, impact modified, also available UV Stabilized (UV) and heat stabilized (H)

General

Density	ISO 1183	1,11	g/cm ³
Linear mould shrinkage	ISO 2577	1,00	%

Thermal

HDT/A (1,82MPa)	ISO 75A	50	°C
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Mechanical

Izod notched impact strength (23 °C)	ISO 180	10.5	kJ/m ²
Charpy notched impact strength (23 °C)	ISO 179	10.5	kJ/m ²
Tensile strength at yield (23 °C)	ISO 527	55	MPa
Tensile strength at break (23 °C)	ISO 527	45	MPa
Elongation at break (23 °C)	ISO 527	20	%
Flexural modulus (23 °C)	ISO 178	2300	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	≤0.25	%
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