

# Ravamid<sup>®</sup> B BK45

Polyamide 6  
Industrial Quality Compound

## Description:

Polyamide 6 Black containing recycled material, good mechanical properties, also available Heat Stabilized (H) and UV Stabilized (UV)

## General

Density	ISO 1183	1.14	g/cm <sup>3</sup>
Linear mould shrinkage	ASTM D955	1,25	%

## Thermal

HDT/A (1,82MPa)	ISO 75A	65	°C
Melting point	ISO 11357-3	215-225	°C

## Mechanical

Charpy notched impact strength (23 °C)	ISO 179	7.5	kJ/m <sup>2</sup>
Charpy unnotched impact strength (23 °C)	ISO 179	45	kJ/m <sup>2</sup>
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	2500	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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