



# Ravamid<sup>®</sup> A ST BK45

Polyamide 66  
Industrial Quality Compound

## Description:

Polyamide 66 Black, containing recycled material, high impact modified, also available heat stabilized (H) and UV stabilized (UV)

## General

Density	ISO 1183	1.09	g/cm <sup>3</sup>
Mold shrinkage (Parallel)		1.1	%
Mold shrinkage (Perpendicular)		1.5	%

## Thermal

HDT/A (1,82MPa)	ISO 75A	60	°C
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## Mechanical

Izod notched impact strength (23 °C)	ISO 180	13,5	kJ/m <sup>2</sup>
Charpy notched impact strength (23 °C)	ISO 179	11.5	kJ/m <sup>2</sup>
Tensile strength at yield (23 °C)	ISO 527	50	MPa
Tensile strength at break (23 °C)	ISO 527	48	MPa
Elongation at break (23 °C)	ISO 527	30	%
Flexural modulus (23 °C)	ISO 178	2200	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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