

# Ravamid<sup>®</sup> B MGF 20/10 H BK27

Polyamide 6  
Industrial Quality Compound

## Description:

Polyamide 6 black, 20% mineral, 10% glass fiber filled, Heat Stabilized, deep black designed for high aesthetical applications

## General

MFI (275°C/5kg)	ISO1133	55	g/10min
Density	ISO 1183	1.35	g/cm <sup>3</sup>
Mold shrinkage (Parallel)		0.30	%
Mold shrinkage (Perpendicular)		0.75	%

## Thermal

HDT/A (1,82MPa)	ISO 75A	190	°C
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## Mechanical

Charpy notched impact strength (23 °C)	ISO 179	5	kJ/m <sup>2</sup>
Charpy notched impact strength (-23 °C)	ISO 179	4	kJ/m <sup>2</sup>
Charpy unnotched impact strength (23 °C)	ISO 179	40	kJ/m <sup>2</sup>
Charpy unnotched impact strength (-30 °C)	ISO 179	35	kJ/m <sup>2</sup>
Tensile strength at break (23 °C)	ISO 527	100	MPa
Elongation at break (23 °C)	ISO 527	5	%
Tensile modulus (23 °C)	ISO 527	7000	MPa
Flexural modulus (23 °C)	ISO 178	6400	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	≤0.20	%
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