

Ravamid® B BK45 HI

Polyamide 6

Industrial Quality Compound

Description:

Polyamide 6 Black containing recycled material high impact, also available Heat Stabilized (H) and UV Stabilized (UV)

General

Density	ISO 1183	1.07	g/cm ³
Mold shrinkage (Parallel)		1.00	%
Mold shrinkage (Perpendicular)		1.06	%

Thermal

HDT/A (1,82MPa)	ISO 75A	50	°C
Vicat softening point (B50 (50N))	ISO 306	180	°C

Mechanical

Charpy notched impact strength (23 °C)	ISO 179/1eA	60	kJ/m ²
Charpy unnotched impact strength (23 °C)	ISO 179/1eU	NB	kJ/m ²
Tensile stress at yield	ISO 527	35	MPa
Tensile stress at break	ISO 527	28	MPa
Elongation at break	ISO 527	35	%
Flex modulus	ISO 178	1600	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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The data and information contained herein are typical average values, based on our current level of knowledge and experience, and do not constitute sales specifications. No liability, warranty or guarantee of product performance is created by this document. Ravago industrial quality compounds are totally or partially produced with non-prime quality ingredients. Even though the selection of the raw materials, the production and the quality control is being done following to the common best practices, it is the buyer's responsibility to inspect and test our products in order to determine the suitability for the buyer's application.

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Issue Date:
Nov 2013