

Ravamid® B ST NC

Polyamide 6
Industrial Quality Compound

Description:

Polyamide 6 natural, containing recycled material, high impact modified, also available UV Stabilized (UV).

General

Density	ISO 1183	1.09	g/cm ³
Linear mould shrinkage	ASTM D955	1.25	%

Thermal

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

Izod notched impact strength (23 °C)	ISO 180	14	kJ/m ²
Charpy notched impact strength (23 °C)	ISO 179	12,5	kJ/m ²
Tensile strength at yield (23 °C)	ISO 527	50	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	2100	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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