

Ravamid® R200

Polyamide 6
Prime Compound

Description:

Polyamide 6, prime quality compound, available in custom colors also heat stabilized (H) and UV stabilized (UV)

General

Density	ISO 1183	1.13	g/cm ³
Mold shrinkage	ISO 2577	0,9 - 2,0	%
MFI (250°C/2,16kg)	ISO 1133	22	g/10min

Thermal

HDT/A (1,82MPa)	ISO 75A	60	°C
Vicat softening point (B50 (50N))	ISO 306	200	°C
Melting point	ISO 3146	220	°C
Ball pressure test (125°C)	IEC 335	Pass	°C

Mechanical

Izod notched impact strength (23°C)	ISO 180	5.5	kJ/m ²
Izod notched impact strength (-30°C)	ISO 180	4	kJ/m ²
Izod unnotched impact strength (23 °C)	ISO 180	Not Break	kJ/m ²
Charpy notched impact strength (23 °C)	ISO 179	8	kJ/m ²
Tensile stress at yield	ISO 527	75	MPa
Tensile stress at break	ISO 527	70	MPa
Elongation at break	ISO 527	55	%
Flex modulus	ISO 178	2800	MPa
Flexural strength (+23°C)	ISO 178	100	MPa

Flammability

Flammability (3,2mm)	UL94	HB	
Flammability (1,6mm)	UL94	HB	
Flammability (0,75mm)	UL94	V2	
Glow wire flammability index (2,0 mm)	IEC 60695-2-12	750	°C

Various

Moisture absorption (23C%50RH)	ISO 62	1,5	%
Dielectric rigidity (Oil 1mm)	IEC 60243-1	18	kV/mm
CTI	IEC 60112	600	V

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. 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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