

Ravamid® R200 T51

Polyamide 6
Prime Compound

Description:

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

General

Density	ISO 1183	1.09	g/cm ³
Mold shrinkage	ISO 2577	0.9 - 1.4	%
MFI (250°C/2,16kg)	ISO 1133	22	g/10min

Thermal

HDT/A (1,82MPa)	ISO 75A	55	°C
Vicat softening point (B50 (50N))	ISO 306	180	°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/A	16	kJ/m ²
Izod notched impact strength (-30°C)	ISO 180/A	10	kJ/m ²
Izod unnotched impact strength (23 °C)	ISO 180	Not break	kJ/m ²
Charpy notched impact strength (23 °C)	ISO 179/1eA	14	kJ/m ²
Tensile stress at yield	ISO 527	50	MPa
Tensile stress at break	ISO 527	40	MPa
Elongation at break	ISO 527	40	%
Flex modulus	ISO 178	1800	MPa
Flexural strength (+23°C)	ISO 178	45	MPa

Flammability

Flammability (3,2mm)	UL94	HB	
Flammability (1,6mm)	UL94	HB	
Burning rate (FMVSS 302)	ISO 3795	34	mm/min
Flammability (0,75mm)	UL94	HB	
Glow wire flammability index (2,0 mm)	IEC 60695-2-12	650	°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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