

Ravamid® R200 GF 30

Polyamide 6
Prime Compound

Description:

Polyamide 6 30% Glass Fibre filled, prime quality compound, available in custom colors also heat stabilized (H) and UV stabilized (UV)

General

Density	ISO 1183	1.36	g/cm ³
Water absorption (23°C; 50%RH)	ASTM D570	1.0	%
Mold shrinkage (Parallel)		0.3	%
Mold shrinkage (Perpendicular)		0.6	%

Thermal

HDT/A (1,82MPa)	ISO 75A	235	°C
Vicat softening point (B50 (50N))	ISO 306	235	°C
Melting point	ISO 11357-3	225	°C
Ball pressure test (125°C)	IEC 335	Pass	°C

Mechanical

Izod notched impact strength (23°C)	ISO 180/A	14	kJ/m ²
Izod unnotched impact strength (23 °C)	ISO 180	120	kJ/m ²
Charpy unnotched impact strength (23 °C)	ISO 179/1eU	80	kJ/m ²
Tensile stress at break	ISO 527	150	MPa
Elongation at break	ISO 527	2	%
Tensile modulus	ISO 527	9000	MPa
Flex modulus	ISO 178	8500	MPa
Flexural strength (+23°C)	ISO 178	200	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

Remark:

UL94 officially approval file number: E103497

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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