

Ravamid® R200 GF 50

Polyamide 6
Prime Compound

Description:

Polyamide 6, 50% glass fiber reinforced, also available Heat Stabilized (H) and UV Stabilized (UV)

General

Density	ISO 2781	1.55	g/cm ³
Mold shrinkage (Parallel)		0.2	%
Mold shrinkage (Perpendicular)		0.4	%

Thermal

HDT/A (1,82MPa)	ISO 75A	250	°C
Vicat softening point (B50 (50N))	ISO 306	245	°C
Melting point	ISO 3146	245	°C

Mechanical

Izod notched impact strength (23°C)	ISO 180	14	kJ/m ²
Izod unnotched impact strength (23 °C)	ISO 180	80	kJ/m ²
Charpy notched impact strength (23 °C)	ISO 179	14	kJ/m ²
Tensile stress at break	ISO 527	200	MPa
Elongation at break	ISO 527	1.5	%
Tensile modulus	ISO 527	12000	MPa
Flex modulus	ISO 178	10500	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

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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