

Ravamid® R200 GFB 20/10

Polyamide 6
Prime Compound

Description:

PA6 compound 20% glass fiber reinforced and 10% glass beads filled for injection moulding applications. Also available heat stabilized (H) and UV stabilized (UV).

General

Density	ISO 1183	1,35	g/cm ³
Linear mould shrinkage	ISO 2577	0,6-1.0	%

Thermal

HDT/A (1,82MPa)	ISO 75A	195	°C
Vicat softening point (B50 (50N))	ISO 306	210	°C

Mechanical

Charpy notched impact strength (23 °C)	ISO 179/1eA	8	kJ/m ²
Charpy unnotched impact strength (23 °C)	ISO 179/1eU	55	kJ/m ²
Tensile stress at yield	ISO 527	120	MPa
Tensile stress at break	ISO 527	110	MPa
Elongation at break	ISO 527	4	%
Flex modulus	ISO 178	6300	MPa

Flammability

Flammability (3,2mm)	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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