

Ravamid® R200 GB 15

Polyamide 6
Prime Compound

Description:

15% glass bead reinforced PA6 compound for injection moulding available in custom colors also heat resistant (H) and UV stabilized (UV)

General

Density	ISO 1183	1.22	g/cm ³
Linear mould shrinkage	ASTM D955	0,8-1,0	%

Thermal

HDT/A (1,82MPa)	ISO 75A	190	°C
Vicat softening point (B50 (50N))	ISO 306	195	°C

Mechanical

Izod notched impact strength (23°C)	ISO 180/A	7	kJ/m ²
Izod unnotched impact strength (23 °C)	ISO 180	50	kJ/m ²
Charpy unnotched impact strength (23 °C)	ISO 179/1eU	6	kJ/m ²
Charpy unnotched impact strength (23 °C)	ISO 179/1eU	50	kJ/m ²
Tensile stress at yield	ISO 527	65	MPa
Tensile stress at break	ISO 527	55	MPa
Elongation at break	ISO 527	10	%
Flex modulus	ISO 178	3200	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

Various

Surface resistivity	IEC 60093	-	Ohm
Volume resistivity	IEC 60093	-	Ohm.cm
Dielectric rigidity (Oil 1mm)	IEC 60243-1	-	kV/mm
CTI	IEC 60112	-	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.

Ravago Group Headquarters

Moerenstraat 85A
B - 2370 Arendonk

Tel: +32 (0)14 67 25 11
Fax: +32 (0)14 67 20 12

www.ravago.com
manufacturing@ravago.com

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