

Ravamid® R200 GF 35

Polyamide 6
Prime Compound

Description:

Polyamide 6, 35% glass fiber reinforced, available in custom colors and also Heat stabilized (H) and UV stabilized (UV)

General

Density	ISO 1183	1.40	g/cm ³
Mold shrinkage (Parallel)		0.20	%
Mold shrinkage (Perpendicular)		0.60	%

Thermal

HDT/A (1,82MPa)	ISO 75A	215	°C
Vicat softening point (B50 (50N))	ISO 306	225	°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	10	kJ/m ²
Charpy unnotched impact strength (23 °C)	ISO 179	60	kJ/m ²
Tensile stress at break	ISO 527	150	MPa
Elongation at break	ISO 527	3	%
Tensile modulus	ISO 527	10200	MPa
Flex modulus	ISO 178	9000	MPa
Flexural strength (+23°C)	ISO 178	210	MPa

Flammability

Flammability (3,2mm)	UL94	HB	
Glow wire flammability index (2,0mm)	IEC 606243-2-12	650	°C
Flammability (1,6mm)	UL94	HB	

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

Issue Date:
Mar 2018