

Ravamid® R200 GFB 15/15 T NC

Polyamide 6
Prime Compound

Description:

PA6 compound 15% glass fiber and 15% glass beads filled impact modified good surface. Also available Heat Stabilized (H) and UV Stabilized (UV)

General

Density	ISO 1183	1.34	g/cm ³
Mold shrinkage (Parallel)		0.40	%
Mold shrinkage (Perpendicular)		0.60	%

Thermal

HDT/A (1,82MPa)	ISO 75A	95	°C
Vicat softening point (B50 (50N))	ISO 306	90	°C

Mechanical

Charpy notched impact strength (23 °C)	ISO 179	8	kJ/m ²
Charpy unnotched impact strength (23 °C)	ISO 179	150	kJ/m ²
Tensile stress at break	ISO 527	80	MPa
Elongation at break	ISO 527	6	%
Tensile modulus	ISO 527	5000	MPa
Flex modulus	ISO 178	4500	MPa

Flammability

Flammability (3,2mm)	UL94	HB	
Flammability (1,6mm)	UL94	HB	
Burning rate (FMVSS 302)	ISO 3795	<100	mm/min
Glow wire flammability index (2,0 mm)	IEC 60695-2-12	650	°C

Various

Humidity	ISO 960	≤0.20	%
Dielectric rigidity (Oil 1mm)	IEC 60243-1	29	kV/mm
CTI	IEC 60112	500	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

Issue Date:
Oct 2017