

Scolefin® 53 G 20

Polypropylene
Prime Compound

Description:

PP copolymer, 30% glass fiber reinforced, chemically grafted.

General

MFI (230°/2,16kg)	ISO 1133	13	g/10min
Density	ISO 1183	1,13	g/cm ³
Linear mould shrinkage	ASTM D955	0,2-0,4	%

Thermal

HDT/A (1,82MPa)	ISO 75A	120	°C
Vicat softening point (B50 (50N))	ISO 306	110	°C
Ball pressure test (75°C)	IEC 60695-10-2	Pass	°C

Mechanical

Izod notched impact strength (23 °C)	ISO 180	13	kJ/m ²
Tensile strength at break (23 °C)	ISO 527	75	MPa
Elongation at break (23 °C)	ISO 527	4	%
Tensile modulus (23 °C)	ISO 527	5800	MPa
Flexural modulus (23 °C)	ISO 178	5200	MPa

Flammability

Flammability (1,6mm)	UL94 (tested internally)	HB	
Flammability (3,2mm)	UL94 (tested internally)	HB	
Burning rate (FMVSS 302)	ISO 3795	< 80	mm/min
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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