

■ 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