

■ Scolefin[®] 63 G 13

Polypropylene
Prime Compound

Description:

PP homopolymer, 30 % glass reinforced, chemically grafted, long term heat stabilized

General

MFI (230°/2,16kg)	ISO 1133	17	g/10min
Density	ISO 1183	1.13	g/cm ³
Linear mould shrinkage	ASTM D955	0.4 - 0.8	%

Thermal

HDT/A (1,82MPa)	ISO 75A	130	°C
Vicat softening point (B50 (50N))	ISO 306	125	°C
Ball pressure test (75°C)	IEC 60695-10-2	pass	°C

Mechanical

Izod notched impact strength (23 °C)	ISO 180	9.5	kJ/m ²
Izod notched impact strength (-30 °C)	ISO 180	3	kJ/m ²
Tensile strength at break (23 °C)	ISO 527	80	MPa
Elongation at break (23 °C)	ISO 527	3	%
Tensile modulus (23 °C)	ISO 527	5500	MPa
Flexural modulus (23 °C)	ISO 178	5600	MPa

Flammability

Flammability (1,6mm)	UL94 (tested internally)	HB	
Flammability (3,2mm)	UL94 (tested internally)	HB	
Glow wire flammability index (2,0 mm)	IEC 60695-2-12	650	°C

Various

Surface resistivity	IEC 60093	10E13	Ohm
Volume resistivity	IEC 60093	10E13	Ohm.cm
Dielectric rigidity (Oil 1mm)	IEC 60243-1	20	kV/mm
CTI	IEC 60112	600	V