

# ■ Scolefin<sup>®</sup> 23 G 13

Polypropylene  
Prime Compound

## Description:

PP Homopolymer, 32% glass fiber filled chemically grafted, also available UV and heat stabilized

## General

MFI (230°/2,16kg)	ISO 1133	2	g/10min
Density	ISO 1183	1.15	g/cm <sup>3</sup>
Linear mould shrinkage	ASTM D955	0.2-0.4	%

## Thermal

HDT/A (1,82MPa)	ISO 75A	140	°C
Vicat softening point (B50 (50N))	ISO 306	135	°C
Ball pressure test (125°C)	IEC 60695-10-2	pass	°C

## Mechanical

Izod notched impact strength (23 °C)	ISO 180	10	kJ/m <sup>2</sup>
Izod notched impact strength (-30 °C)	ISO 180	5	kJ/m <sup>2</sup>
Tensile strength at break (23 °C)	ISO 527	95	MPa
Elongation at break (23 °C)	ISO 527	2.5	%
Tensile modulus (23 °C)	ISO 527	6300	MPa
Flexural modulus (23 °C)	ISO 178	6000	MPa

## Flammability

Flammability (1,6mm)	UL94 (tested internally)	HB	
Flammability (3,2mm)	UL94 (tested internally)	HB	
Burning rate (FMVSS 302)	ISO 3795	35	mm/min
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