



■ Scolefin[®] 52 G 15

Polypropylene
Prime Compound

Description:

PP homopolymer, 20% glass fiber filled, chemically coupled, heat stabilized with a special package additive for laser marking.

General

MFI (230°/2,16kg)	ISO 1133	13	g/10min
Density	ISO 1183	1,02	g/cm ³

Thermal

HDT/A (1,82MPa)	ISO 75A	144	°C
Vicat softening point (B50 (50N))	ISO 306	130	°C

Mechanical

Izod notched impact strength (23 °C)	ISO 180	9	kJ/m ²
Charpy notched impact strength (23 °C)	ISO 179	8	kJ/m ²
Tensile strength at yield (23 °C)	ISO 527	78	MPa
Tensile strength at break (23 °C)	ISO 527	78	MPa
Elongation at yield (23 °C)	ISO 527	3	%
Tensile modulus (23 °C)	ISO 527	4500	MPa
Flexural modulus (23 °C)	ISO 178	4500	MPa

Various

Ash content (600 °C)	ISO 3451	20	%
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