

■ Scolefin[®] 53 G 10-0

Polypropylene
Prime Compound

Description:

PPH, 30% glass filled, chemically coupled, natural

General

MFI (230°/2,16kg)	ISO 1133	13	g/10min
Density	ISO 1183	1.12	g/cm ³

Thermal

HDT/B (0,46 MPa)	ISO 75	161	°C
HDT/A (1,82MPa)	ISO 75A	150	°C
Vicat softening point (B50 (50N))	ISO 306	140	°C
Vicat softening point (A120 (10N))	ISO 306	166	°C

Mechanical

Izod notched impact strength (23°C)	ISO 180	10	kJ/m ²
Izod unnotched impact strength (23 °C)	ISO 180	45	kJ/m ²
Charpy notched impact strength (23 °C)	ISO 179	10	kJ/m ²
Charpy unnotched impact strength (23 °C)	ISO 179	50	kJ/m ²
Tensile stress at yield	ISO 527	90	MPa
Elongation at break	ISO 527	5	%
Tensile modulus	ISO 527	7500	MPa
Flex modulus	ISO 178	5900	MPa

Various

Ash content (700 °C)	ISO 3451	30	%
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