

Scolefin[®] 33 G 10

Polypropylene
Prime Compound

Description:

PP homopolymer, 30% glass filled, chemically coupled

General

MFI (230°/2,16kg)	ISO 1133	4	g/10min
Density	ISO 1183	1,12	g/cm ³

Thermal

HDT/B (0,46 MPa)	ISO 75	160	°C
HDT/A (1,82MPa)	ISO 75A	140	°C
Vicat softening point (B50 (50N))	ISO 306	134	°C
Vicat softening point (A120 (10N))	ISO 306	165	°C

Mechanical

Izod notched impact strength (23°C)	ISO 180	12	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 modulus	ISO 527	7000	MPa
Flex modulus	ISO 178	5500	MPa
Tensile strength	ISO 527	80	MPa

Various

Ash content (700 °C)	ISO 3451	30	%
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Remark:

Different colors available:

Scolefin 33 G 10-0: natural grade

Scolefin 33 G 10-9: black grade, long term heat stabilized