

■ Scolefin[®] 54 C 10

Polypropylene
Prime Compound

Description:

Polypropylene homopolymer, 40% calcium carbonate filled

General

MFI (230°/2,16kg)	ISO 1133	15	g/10min
Density	ISO 1183	1,24	g/cm ³

Thermal

HDT/A (1,82MPa)	ISO 75A	60	°C
Vicat softening point (B50 (50N))	ISO 306	95	°C

Mechanical

Izod notched impact strength (23 °C)	ISO 180	2,5	kJ/m ²
Tensile strength at yield (23 °C)	ISO 527	22	MPa
Tensile strength at break (23 °C)	ISO 527	18	MPa
Elongation at break (23 °C)	ISO 527	8	%
Tensile modulus (23 °C)	ISO 527	2200	MPa
Flexural modulus (23 °C)	ISO 178	2300	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