

Mafill® CR HT 5344

Polypropylene
Industrial Quality Compound

Description:

Polypropylene homopolymer 20% talcum filled

General

MFI (230°/2,16kg)	ISO 1133	12	g/10min
Density	ISO 1183	1.05	g/cm ³
Linear mould shrinkage	ASTM D955	1,0-1,3	%

Thermal

HDT/A (1,82MPa)	ISO 75A	68	°C
Vicat softening point (B50 (50N))	ISO 306	95	°C

Mechanical

Izod notched impact strength (23 °C)	ISO 180	3,5	kJ/m ²
Izod notched impact strength (-30 °C)	ISO 180	2,0	kJ/m ²
Tensile strength at yield (23 °C)	ISO 527	34	MPa
Tensile strength at break (23 °C)	ISO 527	20	MPa
Elongation at break (23 °C)	ISO 527	20	%
Flexural modulus (23 °C)	ISO 178	2500	MPa

Flammability

Flammability (3,2mm)	UL94	HB	
Flammability (1,6mm)	UL94	HB	
Burning rate (FMVSS 302)	ISO 3795	<100	mm/min
Glow wire flammability index (2,0 mm)	IEC 60695-2-12	650	°C