

Mafill® CR HC 3541

Polypropylene
Industrial Quality Compound

Description:

Polypropylene, 30% Calcium carbonate filled, natural

General

MFI (230°/2,16kg)	ISO 1133	5	g/10min
Density	ISO 1183	1.14	g/cm ³
Linear mould shrinkage	ASTM D955	0.8-1.3	%

Thermal

HDT/A (1,82MPa)	ISO 75A	60	°C
Vicat softening point (B50 (50N))	ISO 306	85	°C

Mechanical

Izod notched impact strength (23 °C)	ISO 180	3	kJ/m ²
Tensile strength at yield (23 °C)	ISO 527	24	MPa
Tensile strength at break (23 °C)	ISO 527	20	MPa
Elongation at break (23 °C)	ISO 527	25	%
Tensile modulus (23 °C)	ISO 527	1900	MPa
Flexural modulus (23 °C)	ISO 178	2000	MPa

Flammability

Flammability (1,6mm)	UL94 (tested internally)	HB	
Flammability (3,2mm)	UL94 (tested internally)	HB	
Glow wire flammability index (3mm)	IEC 60695-2-12	650	°C