

Mafill® CR XC 5344

Polypropylene
Industrial Quality Compound

Description:

Polypropylene compound, 20% calcium carbonate filled, black colour.

General

MFI (230°/2,16kg)	ISO 1133	10	g/10min
Density	ISO 1183	1.06	g/cm ³
Linear mould shrinkage	ASTM D955	0.8-1.3	%

Thermal

HDT/A (1,82MPa)	ISO 75A	65	°C
Vicat softening point (B50 (50N))	ISO 306	80	°C

Mechanical

Izod notched impact strength (23 °C)	ISO 180	4	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	15	%
Flexural modulus (23 °C)	ISO 178	1400	MPa

Flammability

Flammability (1,6mm)	UL94 (tested internally)	HB
Flammability (3,2mm)	UL94 (tested internally)	HB