



Mafill® CR HT 6344 H

Polypropylene
Industrial Quality Compound

Description:

PP homopolymer, 20 % talc reinforced, heat stabilized, black

General

MFI (230°/2,16kg)	ISO 1133	16	g/10min
Density	ISO 1183	1,04	g/cm ³

Thermal

HDT/A (1,82MPa)	ISO 75A	72	°C
HDT/B (0,46MPa)	ISO 75B	114	°C

Mechanical

Izod notched impact strength (23 °C)	ISO 180	4	kJ/m ²
Izod notched impact strength (-30 °C)	ISO 180	2	kJ/m ²
Charpy notched impact strength (23 °C)	ISO 179	3	kJ/m ²
Charpy unnotched impact strength (23 °C)	ISO 179	33	kJ/m ²
Charpy notched impact strength (-30 °C)	ISO 179	1	kJ/m ²
Tensile strength at yield (23 °C)	ISO 527	30	MPa
Elongation at yield (23 °C)	ISO 527	5	%
Tensile modulus (23 °C)	ISO 527	2300	MPa
Flexural modulus (23 °C)	ISO 178	2500	MPa

Various

Ash content (600 °C)	ISO 3451	20	%
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