

Mafill® CR XG 3544 H

Polypropylene
Industrial Quality Compound

Description:

PP Compound, 30% glass fibre filled, heat stabilised

General

MFI (230°/2,16kg)	ISO 1133	7	g/10min
Density	ISO 1183	1,12	g/cm ³

Thermal

HDT/B (0,46 MPa)	ISO 75	155	°C
HDT/A (1,82MPa)	ISO 75A	141	°C
Vicat softening point (B50 (50N))	ISO 306	112	°C

Mechanical

Izod notched impact strength (23°C)	ISO 180	10	kJ/m ²
Izod notched impact strength (-30°C)	ISO 180	7	kJ/m ²
Charpy notched impact strength (23 °C)	ISO 179	10	kJ/m ²
Charpy unnotched impact strength (23 °C)	ISO 179	48	kJ/m ²
Charpy notched impact strength (-30°C)	ISO 179	6	kJ/m ²
Tensile stress at yield	ISO 527	80	MPa
Elongation at break	ISO 527	6	%
Tensile modulus	ISO 527	6000	MPa
Flex modulus	ISO 178	5700	MPa

Various

Ash content		30	%
-------------	--	----	---