

Mafill® CR XG 3344

Polypropylene
Industrial Quality Compound

Description:

PP Industrial Quality 20% glass fibre, chemically coupled

General

MFI (230°/2,16kg)	ISO 1133	5	g/10min
Density	ISO 1183	1,06	g/cm ³

Thermal

HDT/A (1,82MPa)	ISO 75A	110	°C
HDT/B (0,46MPa)	ISO 75B	150	°C
Vicat softening point (B50 (50N))	ISO 306	105	°C

Mechanical

Izod notched impact strength (23°C)	ISO 180	6	kJ/m ²
Izod unnotched impact strength (23 °C)	ISO 180	30	kJ/m ²
Charpy notched impact strength (23 °C)	ISO 179	7	kJ/m ²
Charpy unnotched impact strength (23 °C)	ISO 179	35	kJ/m ²
Tensile stress at yield	ISO 527	50	MPa
Tensile stress at break	ISO 527	47	MPa
Elongation at break	ISO 527	5	%
Tensile modulus	ISO 527	2800	MPa
Flex modulus	ISO 178	3400	MPa

Various

Ash content		20	%
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Remark:

Different grades available:

Mafill CR XG 3344: standard grade

Mafill CR XG 3344 H: High heat stabilized grade