

Mafill[®] CR XG 3644 M

Polypropylene
Industrial Quality Compound

Description:

PP Compound, 40% glass fiber

General

MFI (230°/2,16kg)	ISO 1133	5	g/10min
Density	ISO 1183	1,23	g/cm ³

Thermal

HDT/A (1,82MPa)	ISO 75A	145	°C
Vicat softening point (B50 (50N))	ISO 306	120	°C

Mechanical

Izod notched impact strength (23 °C)	ISO 180	7,5	kJ/m ²
Tensile strength at break (23 °C)	ISO 527	77	MPa
Elongation at yield (23 °C)	ISO 527	2	%
Tensile modulus (23 °C)	ISO 527	7800	MPa
Flexural modulus (23 °C)	ISO 178	7500	MPa

Various

Linear Mould Shrinkage	internal method	0,1 - 0,4	%
Ash content (600 °C)	ISO 3451	40	%