



Mafill® CR XG 3344

Ravago Manufacturing Europe - Polypropylene

General Information

Product Description

PP Industrial Quality 20% glass fibre, chemically coupled

Mafill CR XG 3344: standard grade

Mafill CR XG 3344 H: High heat stabilized grade

General

Material Status	• Commercial: Active
Availability	• Europe
Filler / Reinforcement	• Glass Fiber, 20% Filler by Weight
Features	• Chemically Coupled

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.05	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	5.0	g/10 min	ISO 1133
Ash Content (600°C)	20	%	ISO 3451
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	3500	MPa	ISO 527-1
Tensile Stress (Yield, 23°C)	50.0	MPa	ISO 527-2
Tensile Stress (Break, 23°C)	50.0	MPa	ISO 527-2
Tensile Strain (Break, 23°C)	4.0	%	ISO 527-2
Flexural Modulus (23°C)	3300	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	5.0	kJ/m ²	ISO 179
Notched Izod Impact Strength (23°C)	6.0	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load 1.8 MPa, Unannealed	110	°C	ISO 75-2/A
Vicat Softening Temperature	100	°C	ISO 306/B50

Notes

¹ Typical properties: these are not to be construed as specifications.