



Mafill® CR XG 6344 H

Ravago Manufacturing Europe - Polypropylene

General Information

Product Description

PP Compound, 20% glass filled, black, heat stabilized

General

Material Status	• Commercial: Active
Availability	• Europe
Filler / Reinforcement	• Glass Fiber, 20% Filler by Weight
Additive	• Heat Stabilizer
Features	• Heat Stabilized
Appearance	• Black

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.04	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	14	g/10 min	ISO 1133
Ash Content (600°C)	20	%	ISO 3451
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	4200	MPa	ISO 527-1
Tensile Stress (Yield)	65.0	MPa	ISO 527-2
Tensile Strain (Yield)	4.0	%	ISO 527-2
Tensile Strain (Break)	4.5	%	ISO 527-2
Flexural Modulus	4100	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	6.0	kJ/m ²	ISO 179
Notched Izod Impact Strength (23°C)	7.0	kJ/m ²	ISO 180
Unnotched Izod Impact Strength (23°C)	30	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load 0.45 MPa, Unannealed	157	°C	ISO 75-2/B
Deflection Temperature Under Load 1.8 MPa, Unannealed	135	°C	ISO 75-2/A

Notes

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