

Mafill® CG 4210

Polypropylene Copolymer

Ravago Group

Technical Data

Product Description

PP Copo 20% GF
V0 Deca-BDE free

General

Material Status	• Commercial: Active
Search for UL Yellow Card	• Ravago Group • Mafill®
Availability	• Europe
Additive	• Flame Retardant
Recycled Content	• Yes
Features	• Copolymer • Flame Retardant

Physical	Nominal Value Unit	Test Method
Density	1.33 g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	15 g/10 min	ISO 1133
Molding Shrinkage	0.30 to 0.60 %	Internal Method

Mechanical	Nominal Value Unit	Test Method
Tensile Stress		ISO 527-2
Yield	40.0 MPa	
Break	37.0 MPa	
Tensile Strain (Break)	4.0 %	ISO 527-2
Flexural Modulus	3600 MPa	ISO 178

Impact	Nominal Value Unit	Test Method
Notched Izod Impact Strength (23°C)	8.0 kJ/m ²	ISO 180/1A

Thermal	Nominal Value Unit	Test Method
Heat Deflection Temperature		ISO 75-2/A
1.8 MPa, Unannealed	100 °C	
Vicat Softening Temperature	75.0 °C	ISO 306/B50
Ball Pressure Test (125°C)	Pass	IEC 60695-10-2

Flammability	Nominal Value Unit	Test Method
Flame Rating		UL 94
1.60 mm	V-0	
3.20 mm	V-0	
Glow Wire Ignition Temperature (2.00 mm)	960 °C	IEC 60695-2-13

Notes

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