

# 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 <sup>3</sup>	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 <sup>2</sup>	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

<sup>1</sup> Typical properties: these are not to be construed as specifications.