

# Mafill® CG 4210

Polypropylene Copolymer

Ravago Group



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## 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/cm³	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/m²	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.

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## Where to Buy

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### Supplier

**Ravago Group**  
, Belgium  
**Telephone:** +32-14-672511  
**Web:** <http://www.ravago.com/>

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### Distributor

**RESINEX Group**  
*RESINEX is a Pan European distribution company. Contact RESINEX for availability of individual products by country.*  
**Telephone:** +32-14-672511  
**Web:** <http://www.resinex.com/>  
**Availability:** Europe

**Ultrapolymers**  
*Ultrapolymers is a Pan European distribution company. Contact Ultrapolymers for availability of individual products by country.*  
**Telephone:** +32-11-57-95-57  
**Web:** <http://www.ultrapolymers.com/>  
**Availability:** Europe



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– Kevin Chase, Owner & President, Chase Plastics



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