



Scolefin® CG 4210

Ravago Manufacturing Europe - Polypropylene Copolymer

General Information

Product Description

Polypropylene Copolymer compound, 20% glass fibre filled, Flame Retardant grade V0 (Deca-BDE free)

General

Material Status	• Commercial: Active
Availability	• Europe • North America
Filler / Reinforcement	• Glass Fiber, 20% Filler by Weight
Additive	• Flame Retardant
Features	• Copolymer • Flame Retardant

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.33	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	10	g/10 min	ISO 1133
Molding Shrinkage - Flow	0.30 to 0.60	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	40.0	MPa	ISO 527-2
Tensile Stress (Break, 23°C)	37.0	MPa	ISO 527-2
Tensile Strain (Break, 23°C)	4.0	%	ISO 527-2
Flexural Modulus (23°C)	3600	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	8.0	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Annealed)	152	°C	ISO 75-2/B
Deflection Temperature Under Load (1.8 MPa, Annealed)	120	°C	ISO 75-2/A
Vicat Softening Temperature	92.0	°C	ISO 306/B50
Ball Pressure Test (125°C)	Pass		IEC 60695-10-2
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94
1.6 mm	V-0		
3.2 mm	V-0		
Glow Wire Flammability Index (2.0 mm)	960	°C	IEC 60695-2-12

Notes

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