



Scolefin® CG 4310

Ravago Manufacturing Europe - Polypropylene Copolymer

General Information

Product Description

Polypropylene copolymer 30% glass fiber filled chemically grafted and flame retardant

General

Material Status	• Commercial: Active	
Availability	• Europe	• North America
Filler / Reinforcement	• Glass Fiber, 30% Filler by Weight	
Features	• Copolymer	• Flame Retardant

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.40	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	10	g/10 min	ISO 1133
Molding Shrinkage - Flow	0.10 to 0.30	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break)	60.0	MPa	ISO 527-2
Tensile Strain (Break)	4.0	%	ISO 527-2
Flexural Modulus	6000	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	10	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load 1.8 MPa, Unannealed	110	°C	ISO 75-2/A
Vicat Softening Temperature	120	°C	ISO 306/B50
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.