



Scolefin® HT 4210

Ravago Manufacturing Europe - Polypropylene Homopolymer

General Information

Product Description

Polypropylene Homopolymer compound, 20% talcum filled, Flame Retardant V0 (Deca-BDE free)

General

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

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	0.80 to 1.2	%	ISO 2577
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	2000	MPa	ISO 527-1
Tensile Stress (Yield, 23°C)	25.0	MPa	ISO 527-2
Tensile Stress (Break, 23°C)	20.0	MPa	ISO 527-2
Tensile Strain (Break, 23°C)	10	%	ISO 527-2
Flexural Modulus (23°C)	2700	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	3.0	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Annealed)	68.0	°C	ISO 75-2/A
Vicat Softening Temperature	80.0	°C	ISO 306/B50
Ball Pressure Test (125°C)	Pass		IEC 60695-10-2
Flammability	Nominal Value	Unit	Test Method
Flame Rating			
1.6 mm	V-0		UL 94
3.2 mm	V-0		UL 94
2.0 mm	5VA		Internal Method
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.