



Scolefin® 42 G 23

Ravago Manufacturing Europe - Polypropylene Copolymer

General Information

Product Description

Polypropylene copo, 20% glass fiber, chemically coupled, high surface finish

Remark:

Scolefin 42 G 23-0: Natural color

General

Material Status	• Commercial: Active
Availability	• Europe • North America
Filler / Reinforcement	• Glass Fiber, 20% Filler by Weight
Features	• Chemically Coupled • Copolymer • Good Surface Finish

Properties ¹

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	9.0	g/10 min	ISO 1133
Ash Content	20	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3600	MPa	ISO 527-1
Tensile Stress (Yield)	62.0	MPa	ISO 527-2
Tensile Stress (Break)	60.0	MPa	ISO 527-2
Tensile Strain (Yield)	4.0	%	ISO 527-2
Tensile Strain (Break)	6.0	%	ISO 527-2
Flexural Modulus	3600	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	17	kJ/m ²	ISO 179
Notched Izod Impact Strength (23°C)	19	kJ/m ²	ISO 180
Unnotched Izod Impact Strength (23°C)	48	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load 1.8 MPa, Unannealed	133	°C	ISO 75-2/A
Vicat Softening Temperature	96.0	°C	ISO 306/B50

Notes

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