



Scolefin® 43 H 10-9

Ravago Manufacturing Europe - Polypropylene Homopolymer

General Information

Product Description

Polypropylene homopolymer, 20% talc, 10% glass fiber filled

General

Material Status	• Commercial: Active	
Availability	• Europe	• North America
Filler / Reinforcement	• Glass Fiber, 10% Filler by Weight	• Talc, 20% Filler by Weight
Features	• Homopolymer	

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.15	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	10	g/10 min	ISO 1133
Molding Shrinkage - Flow	0.80 to 1.0	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	50.0	MPa	ISO 527-2
Tensile Stress (Break)	45.0	MPa	ISO 527-2
Tensile Strain (Break)	5.0	%	ISO 527-2
Flexural Modulus	4000	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	4.5	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Annealed)	128	°C	ISO 75-2/A
Vicat Softening Temperature	114	°C	ISO 306/B50
Flammability	Nominal Value	Unit	Test Method
Burning Rate ²	35	mm/min	ISO 3795
Flame Rating			UL 94
1.6 mm		HB	
3.2 mm		HB	
Glow Wire Flammability Index (2.0 mm)	650	°C	IEC 60695-2-12

Notes

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

² FMVSS 302