



# Scolefin® 53 G 10-0

## Ravago Manufacturing Europe - Polypropylene Homopolymer

### General Information

#### Product Description

PPH, 30% glass filled, chemically coupled, natural

#### General

Material Status	• Commercial: Active
Availability	• Europe • North America
Filler / Reinforcement	• Glass Fiber, 30% Filler by Weight
Features	• Chemically Coupled • Homopolymer
Appearance	• Natural Color

### Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density	1.12	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	13	g/10 min	ISO 1133
Ash Content (700°C)	30	%	ISO 3451
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	7500	MPa	ISO 527-1
Tensile Stress (Yield)	90.0	MPa	ISO 527-2
Tensile Strain (Break)	5.0	%	ISO 527-2
Flexural Modulus	5900	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	10	kJ/m <sup>2</sup>	ISO 179
Charpy Unnotched Impact Strength (23°C)	50	kJ/m <sup>2</sup>	ISO 179
Notched Izod Impact Strength (23°C)	10	kJ/m <sup>2</sup>	ISO 180
Unnotched Izod Impact Strength (23°C)	45	kJ/m <sup>2</sup>	ISO 180
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load 0.45 MPa, Unannealed	161	°C	ISO 75-2/B
Deflection Temperature Under Load 1.8 MPa, Unannealed	150	°C	ISO 75-2/A
Vicat Softening Temperature			
--	140	°C	ISO 306/B50
--	166	°C	ISO 306/A120

#### Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.