



# Scolefin® 42 EC 20

## Ravago Manufacturing Europe - Polypropylene

### General Information

#### Product Description

PP conductive for injection moulding applications

#### General

Material Status	• Commercial: Active	
Availability	• Europe	• North America
Features	• Conductive	
Processing Method	• Injection Molding	

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

Physical	Nominal Value	Unit	Test Method
Density	1.01	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	10	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	1100	MPa	ISO 527-1
Tensile Stress (Yield, 23°C)	20.0	MPa	ISO 527-2
Tensile Strain (Break, 23°C)	30	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	30	kJ/m <sup>2</sup>	ISO 179
Charpy Unnotched Impact Strength (23°C)	No Break		ISO 179
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Annealed)	50.0	°C	ISO 75-2/A
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	< 1.0E+4	ohms	IEC 60093

#### Notes

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