



Ravaplen® 42 EC 40

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 ¹

Physical	Nominal Value	Unit	Test Method
Density	1.01	g/cm ³	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)	20	kJ/m ²	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, Unannealed	50.0	°C	ISO 75-2/A
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	< 1.0E+4	ohms	IEC 60093

Notes

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