



Ravapura® PP 5040

Ravago Manufacturing Europe - Polypropylene

General Information

Product Description

Polypropylene compound with 50% post-consumer recycled content

General

Material Status	• Commercial: Active
Availability	• Europe
Recycled Content	• Post-Consumer (PCR), 50%
Appearance	• Grey
Processing Method	• Injection Molding

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	0.906	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	40	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	1150	MPa	ISO 527-1
Tensile Stress (Yield, 23°C)	22.0	MPa	ISO 527-2
Tensile Stress (Break, 23°C)	20.0	MPa	ISO 527-2
Tensile Strain (Break, 23°C)	17	%	ISO 527-2
Flexural Modulus (23°C)	1200	MPa	ISO 178
Flexural Stress (23°C)	35.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	7.0	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	70.0	°C	ISO 306/B50

Notes

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