



Ravapura® PS 5012

Ravago Manufacturing Europe - High Impact Polystyrene

General Information

Product Description

PS compound based on Post Consumer Recycled materials, containing minimum 50% PCR.

General

Material Status	• Commercial: Active
Availability	• Europe
Recycled Content	• Post-Consumer (PCR), 50%
Features	• High Impact Resistance

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	1.07	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	12	g/10 min	ISO 1133
Molding Shrinkage	0.40 to 0.70	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	2000	MPa	ISO 527-1
Tensile Stress (Yield, 23°C)	18.5	MPa	ISO 527-2
Tensile Stress (Break, 23°C)	18.0	MPa	ISO 527-2
Tensile Strain (Break, 23°C)	45	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	8.0	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	85.0	°C	ISO 306/B50
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94
1.6 mm		HB	
3.2 mm		HB	

Notes

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