



Ravapura® ABS 5025

Ravago Manufacturing Europe - Acrylonitrile Butadiene Styrene

General Information

Product Description

ABS compound based on Post Consumer Recycled material, standard injection molding grade general purpose, superior aestetichal properties, containing minimum 50% PCR. Available only in selected colors

General

Material Status	• Commercial: Active
Availability	• Europe
Recycled Content	• Post-Consumer (PCR), 50%
Features	• General Purpose
Uses	• General Purpose
Processing Method	• Injection Molding

Properties ¹

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	25	g/10 min	ISO 1133
Molding Shrinkage	0.40 to 0.70	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	40.0	MPa	ISO 527-2
Tensile Strain (Break, 23°C)	25	%	ISO 527-2
Flexural Modulus (23°C)	2500	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	16	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load 1.8 MPa, Unannealed	91.0	°C	ISO 75-2/A
Vicat Softening Temperature	97.0	°C	ISO 306/B50
Ball Pressure Test (75°C)	Pass		IEC 60695-10-2
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+15	ohms	IEC 60093
Volume Resistivity	1.0E+14	ohms·cm	IEC 60093
Flammability	Nominal Value	Unit	Test Method
Glow Wire Flammability Index (2.0 mm)	650	°C	IEC 60695-2-12

Notes

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