

Ravapura® PS 4007GW
 High Impact Polystyrene
 Recycled Quality Compound



Description:

Hybrid HIPS compound with 40% minimum PCR content (Post Consumer Recycled), FlameRetardant injection molding grade, designed for E&E application, superior aesthetical properties, available only in selected colors

BQA_QA-CER_C_20221146

General

MFI (200°C/5kg)	ISO 1133	7	g/10min
Density	ISO 1183	1,12	g/cm ³

Thermal

Vicat softening point (A50(10N))	ISO 306	95	°C
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Mechanical

Izod notched impact strength (23 °C)	ISO 180	6	kJ/m ²
Charpy unnotched impact strength (23 °C)	ISO 179	6	kJ/m ²
Tensile strength at yield (23 °C)	ISO 527	26	MPa
Tensile strength at break (23 °C)	ISO 527	20	MPa
Elongation at break (23 °C)	ISO 527	20	%
Tensile modulus (23 °C)	ISO 527	2850	MPa
Flexural modulus (23 °C)	ISO 178	2450	MPa
Flexural strength (+23°C)	ISO 178	45	MPa

Flammability

Glow wire flammability index (2,0 mm)	IEC 60695-2-12	850	°C
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Various

Surface resistivity	IEC 60093	1E15	Ohm
Volume resistivity	IEC 60093	1E14	Ohm.cm
Linear Mould Shrinkage	internal method	0,4-0,7	%

Remark:

Preliminary Data Sheet

The data and information contained herein are typical average values, based on our current level of knowledge and experience, and do not constitute sales specifications. No liability, warranty or guarantee of product performance is created by this document. Ravago Recycled Quality are ISO 14021:2016 compliant. Even though the selection of the raw materials, the production and the quality control is being done following to the common best practices, it is the buyer's responsibility to inspect and test our products in order to determine the suitability for the buyer's application

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