

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