


Ravapura® PS 5012
 Polystyrene
 Recycled Quality Compound



Description:

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

General

MFI (200°C/5kg)	ISO 1133	12	g/10min
Density	ISO 1183	1,066	g/cm ³

Thermal

Vicat softening point (B50 (50N))	ISO 306	85	°C
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Mechanical

Izod notched impact strength (23 °C)	ISO 180	8	kJ/m ²
Tensile strength at yield (23 °C)	ISO 527	18,5	MPa
Tensile strength at break (23 °C)	ISO 527	18	MPa
Elongation at break (23 °C)	ISO 527	45	%
Tensile modulus (23 °C)	ISO 527	2000	MPa

Flammability

Flammability (1,6mm)	UL94 (tested internally)	HB
Flammability (3,2mm)	UL94 (tested internally)	HB

Various

Linear Mould Shrinkage	internal method	0,4 ÷ 0,7	%
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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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