

 Ravapura® PS 5008 Polystyrene Recycled Quality Compound	
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Description:

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

General

MFI (200°C/5kg)	ISO 1133	8	g/10min
Density	ISO 1183	1,049	g/cm ³

Thermal

Vicat softening point (B50 (50N))	ISO 306	84	°C
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Mechanical

Izod notched impact strength (23 °C)	ISO 180	9	kJ/m ²
Tensile strength at yield (23 °C)	ISO 527	18	MPa
Tensile strength at break (23 °C)	ISO 527	16	MPa
Elongation at break (23 °C)	ISO 527	40	%
Tensile modulus (23 °C)	ISO 527	1900	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