

	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
-----------------------------------	---------	----	----

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	%
------------------------	-----------------	----------	---

Remark:

Preliminary data sheet