



# Ravapura® PS 7010

## Ravago Manufacturing Europe - High Impact Polystyrene

### General Information

#### Product Description

PS compound based on Post Consumer Recycled materials, containing minimum 70% PCR.

#### General

Material Status	• Commercial: Active
Availability	• Europe
Recycled Content	• Post-Consumer (PCR), 70%
Features	• High Impact Resistance

### Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density	1.05	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	10	g/10 min	ISO 1133
Molding Shrinkage	0.40 to 0.70	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	1950	MPa	ISO 527-1
Tensile Stress (Yield, 23°C)	17.0	MPa	ISO 527-2
Tensile Stress (Break, 23°C)	16.0	MPa	ISO 527-2
Tensile Strain (Break, 23°C)	48	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	7.0	kJ/m <sup>2</sup>	ISO 180
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	83.0	°C	ISO 306/B50
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94
1.6 mm		HB	
3.2 mm		HB	

#### Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.