

Technical Data Sheet

ROCASTIR rPS-252

Description

Post-consumer recycled polystyrene compound granules, for general use.
Available in blue.

Properties	Value	Unit	Test method
Physical			
Density	0,99 – 1,02	g/cm ³	ASTM D-792
Melt Flow Index (200°C, 5 kg)	4 - 6	g/10 min	ASTM D-1238
Mechanical			
Tensile Modulus	>1850	MPa	ASTM D-638
Tensile Stress	>20	MPa	ASTM D-638
Tensile Strain	>1,5	%	ASTM D-638
Flexural Modulus	>1950	MPa	ASTM D-790
Flexural Strength	>35	MPa	ASTM D-790
Impact			
Notched Izod Impact Strength (23°C)	> 6	kJ/m ²	ASTM D-256
Thermal			
Heat Deflection Temperature	> 75	°C	ASTM D-648

We recommend to dry the material before processing.

Drying temperature: (80 ± 2)°C

Drying time: approximately 2 hours

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