

Technical Data Sheet

ROCASTIR rPS-75

Description

Post-consumer recycled polystyrene compound granules, for general use.
Available in light grey RAL 7035.

Properties	Value	Unit	Test method
Physical			
Density	0.99 - 1.02	g/cm ³	ASTM D-792
Melt Flow Index (200°C, 5 kg)	5 - 7	g/10 min	ASTM D-1238
Mechanical			
Tensile Modulus	>1700	MPa	ASTM D-638
Tensile Stress	>19	MPa	ASTM D-638
Tensile Strain	>2	%	ASTM D-638
Flexural Modulus	>1800	MPa	ASTM D-790
Flexural Strength	>36	MPa	ASTM D-790
Impact			
Notched Izod Impact Strength (23°C)	>8	kJ/m ²	ASTM D-256
Thermal			
Heat Deflection Temperature	>70	°C	ASTM D-648

All information contained in this data sheet is based on typical values and intended for reference and comparison purposes only. The data above is provided in good faith but we do assume no liability for any inaccuracies or variations in actual values, nor do we assure the suitability of any material for any specific application. It is the buyer's responsibility to determine the suitability of the product for the intended application. We do not recommend our products for direct food contact applications, medical applications or toys.