

Technical Data Sheet

ROCAPLEN rPP 45

Pag. 1 of 1

Description

Post-industrial recycled PP obtained from raffia.
Available in mix colour.

Properties	Value	Unit	Test method
Physical			
Density	0.90 - 0.93	g/cm ³	ASTM D-792
Melt Flow Index (230°C, 2.16 kg)	4 - 8	g/10 min	ASTM D-1238
Mechanical			
Tensile Modulus	> 1100	MPa	ASTM D-638
Tensile Stress	> 29	MPa	ASTM D-638
Tensile Strain	> 7	MPa	ASTM D-638
Flexural Modulus	> 1000	MPa	ASTM D-790
Flexural Strength	> 29	MPa	ASTM D-790
Impact			
Notched Izod Impact Strength (23°C)	5 - 6	kJ/m ²	ASTM D-256
Thermal			
Heat Deflection Temperature	85	°C	ASTM D-648

Note:

All information in this data sheet is provided in good faith and is based on our current knowledge and experience. The data above represent typical values and should not be construed as guaranteed specifications. It is the buyer responsibility to determine the suitability of the product under the actual conditions of intended application. We DO NOT recommend our product for applications that involve direct food contact, medical applications or toys.