

Technical Data Sheet

ROCALEN rPE 64

Description

Post- consumer recycled low density polyethylene granules for extrusion.
Available in different shades from bleu, grey, green.

Properties	Value	Unit	Test method
Physical			
Density	0.90 - 0.95	g/cm ³	ASTM D-792
Melt Flow Index (190°C, 2.16 kg)	0.20 – 0.80	g/10 min	ASTM D-1238
Mechanical			
Tensile Modulus	>100	MPa	ASTM D-638
Tensile Stress	>20	MPa	ASTM D-638
Tensile Strain	>15	%	ASTM D-638
Flexural Modulus	>100	MPa	ASTM D-790
Flexural Strength	>15	MPa	ASTM D-790
Impact			
Notched Izod Impact Strength (23°C)	>68	kJ/m ²	ASTM D-256
Thermal			
Heat Deflection Temperature	>30	°C	ASTM D-648

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