

Technical Data Sheet

ROCALEN rPE-76

Pag. 1 of 1

Description

Post-consumer recycled LDPE granules for film extrusion.
Available in natural colour.

Properties	Value	Unit	Test method
Physical			
Density	0.91 – 0.935	g/cm ³	ASTM D-792
Melt Flow Index (190°C, 2.16 kg)	0.1 – 0.5	g/10 min	ASTM D-1238
Mechanical			
Tensile Modulus	> 190	MPa	ASTM D-638
Tensile Stress	> 15	MPa	ASTM D-638
Tensile Strain	> 90	%	ASTM D-638
Flexural Modulus	> 150	MPa	ASTM D-790
Flexural Strength	> 8	MPa	ASTM D-790
Impact			
Notched Izod Impact Strength (23°C)	> 32	kJ/m ²	ASTM D-256

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.