

Ex-Tech Plastics VersaTech™ RPET Packaging Polymer

Category : Polymer , Thermoplastic , Polyester, TP , Polyethylene Terephthalate (PET)

Material Notes:

Primarily used for consumer packaging, VersaTech RPET delivers on excellent clarity and high gloss, while providing good impact and tear resistance properties that are demanded in today's retail environment. Characteristics:Excellent clarityImpact and tear resistantHigh glossEnd Uses:Consumer packagingInformation provided by Ex-Tech Plastics Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Ex-Tech-Plastics-VersaTech-RPET-Packaging-Polymer.php

Physical Properties	Metric	English	Comments
Density	1.33 g/cc	0.0480 lb/in ³	
Viscosity Measurement	>= 0.65	>= 0.65	Intrinsic Viscosity; ASTM D3835
Linear Mold Shrinkage	0.020 - 0.050 cm/cm	0.020 - 0.050 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	48.26 - 55.16 MPa	7000 - 8000 psi	ASTM D638
Elongation at Break	100 - 200 %	100 - 200 %	
Flexural Modulus	2.07 - 2.41 GPa	300 - 350 ksi	ASTM D790

Optical Properties	Metric	English	Comments
Haze	<= 10 % @Thickness <=0.508 mm	<= 10 % @Thickness <=0.0200 in	ASTM D1003
Transmission, Visible	>= 85 %	>= 85 %	ASTM D1003

Descriptive Properties	Value	Comments
Clarity	>97%	ASTM D1003

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