

Ex-Tech Plastics VersaTech™ APET

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

Material Notes:

Ex-Tech VersaTech™ APET has exceptional properties such as visual transparency high heat distortion and it has good resistance to mineral oils, solvents and acids. Characteristics: Transparent Exceptional visual properties Superior performance in critical consumer applications End Uses: Food and medical trays Consumer packaging: clamshell, blister and tray Information provided by Ex-Tech Plastics Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Ex-Tech-Plastics-VersaTech-APET.php

Physical Properties	Metric	English	Comments
Density	1.33 g/cc	0.0480 lb/in ³	
Viscosity Measurement	>= 0.75	>= 0.75	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	58.6 MPa	8500 psi	ASTM D638
Elongation at Break	250 %	250 %	
Flexural Modulus	2.41 GPa	350 ksi	ASTM D790

Thermal Properties	Metric	English	Comments
Melting Point	>= 240 °C	>= 464 °F	

Optical Properties	Metric	English	Comments
Haze	<= 2.0 %	<= 2.0 %	ASTM D1003
Transmission, Visible	>= 90 %	>= 90 %	ASTM D1003

Descriptive Properties	Value	Comments
Clarity	>99%	ASTM D1003

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