

Ex-Tech Plastics PerformaTech™ PVC XAS-11 Low Charging PVC

Category : Polymer , Thermoplastic , Vinyl (PVC)

Material Notes:

Engineered for packaging applications that contain non-ESD sensitive items to be transported within ESD controlled environments, PerformTech XAS-11 is a low charging (formerly known as anti-static) rigid vinyl or PET sheet designed for thermoforming. Characteristics: Resists tribo-electric charge generation, Produced in thickness of .010 to .060", Engineered for packaging to contain non-ESD sensitive items to be transported within ESD controlled environments. End Uses: Shipping trays, Clamshell packaging, Packaging where dust and dirt are issues. Products transported within a controlled environment. Information provided by Ex-Tech Plastics Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Ex-Tech-Plastics-PerformaTech-PVC-XAS-11-Low-Charging-PVC.php

Physical Properties	Metric	English	Comments
Density	1.33 g/cc	0.0480 lb/in ³	ASTM D1505

Mechanical Properties	Metric	English	Comments
Tensile Strength	43.4 MPa	6300 psi	ASTM D882
Elongation at Break	>= 100 %	>= 100 %	ASTM D882
Izod Impact, Notched	1.44 J/cm	2.70 ft-lb/in	SOP-MEC-002.01

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	61.7 °C	143 °F	ASTM D648-96

Descriptive Properties	Value	Comments
Cold Impact	-35°C	ASTM D1790
Contact Corrosivity	no corrosion	FTM 101C
Gauge Tolerance	+/-5%	gamma or beta gauges
Polycarbonate Compatibility	no attack	EIA 564
Tribocharging	<0.13 nC/in ²	Bellcore GR1421-CORE

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