

3M Dyneon™ THV 510ESD Fluorothermoplastic (discontinued **)

Category : Polymer , Thermoplastic , Fluoropolymer

Material Notes:

THV 510ESD is a flexible, fluoroplastic compound composed of tetrafluoroethylene, hexafluoropropylene, and vinylidene fluoride in the form of pellets. It provides a balance of low temperature processing, low flammability, thermal stability, and melt processability along with electrostatic dissipative properties. IT can be used to prepare molded parts and extruded films, tubes and profiles. It is useful for applications that require electrostatic dissipation, flexibility, low temperature processing, and go chemical resistance. Information provided by Dyneon, A 3M Company

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-Dyneon-THV-510ESD-Fluorothermoplastic-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.95 g/cc	1.95 g/cc	ASTM D792
Melt Index of Compound	3.5 - 8.5 g/10 min	3.5 - 8.5 g/10 min	ASTM D1238
	@Load 5.00 kg, Temperature 265 °C	@Load 11.0 lb, Temperature 509 °F	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	20.0 MPa	2900 psi	ASTM D638
Elongation at Break	450 %	450 %	ASTM D638
Flexural Modulus	0.440 GPa	63.8 ksi	ASTM D790

Thermal Properties	Metric	English	Comments
Melting Point	165 °C	329 °F	ASTM D4591

Electrical Properties	Metric	English	Comments
Volume Resistivity	1000 ohm-cm - 1e+05	1000 ohm-cm - 1e+05	ASTM D257

Descriptive Properties	Value	Comments
Form	Pellets	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China