

3M Dyneon™ THV 815GZ Fluorothermoplastic Granules

Category : Polymer , Thermoplastic , Fluoropolymer

Material Notes:

Dyneon THV 815 GZ provides a balance of low permeation, thermal stability, and melt processability. IT can be used to prepare molded parts and extruded films, tubes, profiles, and wire coatings. It is useful for applications that require flexibility and good chemical resistance. This product processes at higher temperature than that of previous THV grades; therefore, the use of corrosion-resistant equipment is suggested. Information provided by Dyneon, A 3M Company

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-Dyneon-THV-815GZ-Fluorothermoplastic-Granules.php

Physical Properties	Metric	English	Comments
Melt Index of Compound	12 g/10 min @Load 5.00 kg, Temperature 265 °C	12 g/10 min @Load 11.0 lb, Temperature 509 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	29.0 MPa	4210 psi	ASTM D638
Elongation at Break	420 %	420 %	ASTM D638
Flexural Modulus	0.525 GPa	76.1 ksi	ASTM D790

Thermal Properties	Metric	English	Comments
Melting Point	225 °C	437 °F	ASTM D4591

Descriptive Properties	Value	Comments
Form	Pellets	

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