

3M Dyneon™ FEP X 6301 UHP Fluorothermoplastic Fluorinated Ethylene Propylene (discontinued **)

Category : Polymer , Thermoplastic , Fluoropolymer , FEP

Material Notes:

Dyneon FEP X 6301 UHP was designed primarily for ultra-high purity applications requiring very low levels of metals and ions. This extrusion grade of FEP is ideally suited for tubing, which can be used in applications such as chemical transport, heat exchangers, etc. Distinguishing features of this grade include: extremely low levels of extractable ions Wide service temperature range excellent thermal stability smooth surfaces Information provided by Dyneon, A 3M Company

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-Dyneon-FEP-X-6301-UHP-Fluorothermoplastic-Fluorinated-Ethylene-Propylene-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Specific Gravity	2.14 g/cc	2.14 g/cc	ASTM D792
Melt Index of Compound	1.0 g/10 min @Load 5.00 kg, Temperature 372 °C	1.0 g/10 min @Load 11.0 lb, Temperature 702 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	30.0 MPa	4350 psi	ASTM D638
Elongation at Break	350 %	350 %	ASTM D638

Thermal Properties	Metric	English	Comments
Melting Point	260 °C	500 °F	ASTM D4591

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