

3M Dyneon™ PFA FLEX 8502 UHPZ Perfluoroalkoxy Fluorothermoplastic Granules

Category : Polymer , Thermoplastic , Fluoropolymer , PFA

Material Notes:

Dyneon™ PFA-FLEX UHP family exhibits improved environmental stress crack resistance to stress cracking agents such as fluorosurfactants and fluorosurfactant-containing chemicals. In addition, this family offers very low levels of extractable ions, making it suitable for critical semiconductor wet chemical processes. Features and benefits include Significantly longer life in fluorosurfactant containing fluids Extremely low levels of extractable ions Smoother surfaces Improved clarity Temperature capability up to 240°C Excellent chemical resistance Information provided by Dyneon, A 3M Company

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-Dyneon-PFA-FLEX-8502-UHPZ-Perfluoroalkoxy-Fluorothermoplastic-Granules.php

Physical Properties	Metric	English	Comments
Specific Gravity	2.145 g/cc	2.145 g/cc	ASTM D792
Water Absorption	<= 0.50 %	<= 0.50 %	24 hr.; ASTM D570
Melt Index of Compound	2.0 g/10 min @Load 5.00 kg, Temperature 372 °C	2.0 g/10 min @Load 11.0 lb, Temperature 702 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	35.0 MPa	5080 psi	ASTM D638
Elongation at Break	330 %	330 %	ASTM D638
Flexural Modulus	0.600 GPa	87.0 ksi	ASTM D790

Thermal Properties	Metric	English	Comments
Melting Point	290 °C	554 °F	ASTM D4591
Maximum Service Temperature, Air	240 °C	464 °F	
Oxygen Index	>= 95 %	>= 95 %	ASTM D2863

Electrical Properties	Metric	English	Comments
Dielectric Constant	2.02 - 2.08 @Frequency 1e+6 Hz	2.02 - 2.08 @Frequency 1e+6 Hz	ASTM D150
Dissipation Factor	<= 0.00030 @Frequency 1e+6 Hz	<= 0.00030 @Frequency 1e+6 Hz	ASTM D150

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