

3M Dyneon™ PFA 6910GZ Fluoroplastic Dispersion

Category : Polymer , Thermoplastic , Fluoropolymer , PFA

Material Notes:

3M™ Dyneon™ PFA 6910GZ is a 50% solids fluorothermoplastic aqueous dispersion. It is a copolymer of tetrafluoroethylene and perfluorinated comonomers, with a melt viscosity several orders of magnitude lower than PTFE. It can be utilized in coating system formulations and in combination with PTFE dispersions, binding resins and pigments. Due to its small particle size, Dyneon PFA 6910GZ can be utilized for sealing extremely fine-pored substrates. Features and Benefits: Very fine particle size Good thermoplastic machinability Outstanding soil and dirt repellency Excellent UV stability Information provided by the Dyneon division of 3M.

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-Dyneon-PFA-6910GZ-Fluoroplastic-Dispersion.php

Physical Properties	Metric	English	Comments
Specific Gravity	2.15 g/cc	2.15 g/cc	Dry Polymer; ASTM D792
Bulk Density	1.10 g/cc	0.0397 lb/in ³	Dispersion; ASTM D1298
Solids Content	22 %	22 %	ASTM D4441
Particle Size	90 µm	90 µm	ISO 13321
pH	9.0	9.0	ASTM E70
Viscosity Measurement	9.0	9.0	[mPa], D=30⁻¹; DIN 54 453
Melt Flow	15 g/10 min @Load 5.00 kg, Temperature 372 °C	15 g/10 min @Load 11.0 lb, Temperature 702 °F	ASTM D1238
Storage Temperature	5.00 - 30.0 °C	41.0 - 86.0 °F	No freezing

Thermal Properties	Metric	English	Comments
Melting Point	306 °C	583 °F	ASTM D4591

Descriptive Properties	Value	Comments
Surface Active Ingredients	non-ionic	

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