

Daikin POLYFLON D-1E PTFE Dispersion

Category : Polymer , Thermoplastic , Fluoropolymer , PTFE

Material Notes:

POLYFLON PTFE aqueous dispersions are normally stabilized with non-ionic surfactants and contain 60% POLYFLON PTFE by weight. Processing Methods: Impregnation, casting, coating. Applications: Anti-stick coating, packings, cast film. Information provided by Daikin Industries.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Daikin-POLYFLON-D-1E-PTFE-Dispersion.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.52 g/cc	1.52 g/cc	at 25°C
Particle Size	0.20 - 0.40 µm	0.20 - 0.40 µm	
pH	9.0 - 10	9.0 - 10	
Viscosity	0.25 cP @Temperature 25.0 °C	0.25 cP @Temperature 77.0 °F	

Thermal Properties	Metric	English	Comments
Flammability, UL94	V-0	V-0	PTFE Component
Oxygen Index	>= 95 %	>= 95 %	PTFE Component

Electrical Properties	Metric	English	Comments
Dielectric Constant	1.9 - 2.1 @Frequency 1000 Hz	1.9 - 2.1 @Frequency 1000 Hz	PTFE Component; ASTM D150
	1.9 - 2.1 @Frequency 1e+6 Hz	1.9 - 2.1 @Frequency 1e+6 Hz	
Dissipation Factor	0.00010 - 0.00022	0.00010 - 0.00022	PTFE Component

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