

Daikin POLYFLON FA-500 MPA, White Powder

Category : Polymer , Thermoplastic

Material Notes:

White powder.Major Uses: Addition of a minute amount of resins produces excellent anti-dripping properties. Good dispersion into resins enables production of moldings with better appearance than with conventional PTFE.Information provided by Daikin Industries.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Daikin-POLYFLON-FA-500-MPA-White-Powder.php

Physical Properties	Metric	English	Comments
Specific Gravity	2.18 g/cc	2.18 g/cc	
Bulk Density	0.570 g/cc	0.0206 lb/in ³	
Particle Size	400 µm	400 µm	Average

Mechanical Properties	Metric	English	Comments
Coefficient of Friction	0.020 - 0.038	0.020 - 0.038	
	0.020 - 0.0385	0.020 - 0.0385	Lubricating
Taber Abrasion, mg/1000 Cycles	<= 98.1	<= 98.1	9.8 N load, cs-10 wheel

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

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

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