

Daikin NEOFLON AP-221SH PFA Semiconductor Grade

Category : Polymer , Thermoplastic , Fluoropolymer , PFA , Polyperfluoroalkoxyethylene, Molded/Extruded

Material Notes:

NEOFLON PFA semiconductor grade.Applications: Linings, tubing, etc.Information provided by Daikin Industries.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Daikin-NEOFLON-AP-221SH-PFA-Semiconductor-Grade.php

Physical Properties	Metric	English	Comments
Specific Gravity	2.15 g/cc	2.15 g/cc	at 25°C
Bulk Density	1.20 g/cc	0.0434 lb/in ³	
Melt Flow	10 - 17 g/10 min @Load 5.00 kg, Temperature 372 °C	10 - 17 g/10 min @Load 11.0 lb, Temperature 702 °F	

Mechanical Properties	Metric	English	Comments
Coefficient of Friction	0.040 - 0.060	0.040 - 0.060	
Taber Abrasion, mg/1000 Cycles	<= 96.75	<= 96.75	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	1.92 - 2.12	1.92 - 2.12	ASTM D150
	@Frequency 1000 Hz	@Frequency 1000 Hz	
Dissipation Factor	1.92 - 2.12	1.92 - 2.12	ASTM D150
	@Frequency 1e+6 Hz	@Frequency 1e+6 Hz	
Dissipation Factor	0.00010 - 0.00021	0.00010 - 0.00021	

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