

Daikin NEOFLON AC-5830 PFA Coating Powder, Gray

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

Material Notes:

NEOFLON PFA coating powder is designed for high build coatings having excellent resistance to chemical and corrosive environments. Description: 0.5-5 mm thickness. Processing Methods: Roto lining. Information provided by Daikin Industries.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Daikin-NEOFLON-AC-5830-PFA-Coating-Powder-Gray.php

Physical Properties	Metric	English	Comments
Bulk Density	0.850 g/cc	0.0307 lb/in ³	
Thickness	500 - 5000 microns	19.7 - 197 mil	

Mechanical Properties	Metric	English	Comments
Coefficient of Friction	0.040 - 0.060	0.040 - 0.060	
Taber Abrasion, mg/1000 Cycles	<= 9.500	<= 9.500	Calculated using estimated density, 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	
Dielectric Constant	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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