

3M Dyneon™ TF 4220 PTFE 2% Cond. Pigm. Filled (discontinued **)

Category : Polymer , Thermoplastic , Fluoropolymer , PTFE

Material Notes:

Applications include antistat linings, seals, gaskets, moldings.Data provided by Dyneon.

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-Dyneon-TF-4220-PTFE-2-Cond-Pigm-Filled-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	2.15 g/cc	0.0777 lb/in ³	Sintered moldings; ASTM D4894/D4895
Apparent Bulk Density	0.760 g/cc	0.0275 lb/in ³	DIN 53 466
Linear Mold Shrinkage	0.036 cm/cm @Thickness 80.0 mm	0.036 in/in @Thickness 3.15 in	sheet; ASTM D4894

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	60	60	ASTM D2240
Tensile Strength, Ultimate	22.0 MPa @Thickness 2.00 mm	3190 psi @Thickness 0.0787 in	ASTM D4894
Elongation at Break	270 % @Thickness 2.00 mm	270 % @Thickness 0.0787 in	ASTM D4894

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	160 μm/m-°C @Temperature 30.0 - 200 °C	88.9 μin/in-°F @Temperature 86.0 - 392 °F	
Thermal Conductivity	0.600 W/m-K	4.16 BTU-in/hr-ft ² -°F	DIN 52 612

Electrical Properties	Metric	English	Comments
Electrical Resistivity	10000 ohm-cm	10000 ohm-cm	IEC 60093
Surface Resistance	10000 ohm	10000 ohm	IEC 60093

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