

3M Dyneon™ TF 2024 PTFE Paste Extrusion Powder (discontinued **)

Category : Polymer , Thermoplastic , Fluoropolymer , PTFE , Polytetrafluoroethylene (PTFE), Extruded

Material Notes:

Type I PTFE. Free flowing powder. Minimum reduction ratio is 20; Max is 500. Average particle size 500µm. Used for unsintered tapes and sealing cords. Dyneon offers a family of PTFE fine powder paste extrusion resins. These products are well suited for a variety of applications, including tubing, hose, pipe liners, tapes, wire and cable, diaphragms and textile/fiber. Available grades are designed to balance process properties such as reduction ratio, and performance properties, such as tensile strength, shrinkage, flex life and permeations. Data provided by Dyneon.

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-Dyneon-TF-2024-PTFE-Paste-Extrusion-Powder-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	0.510 g/cc	0.0184 lb/in ³	DIN 53 466

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	28.0 MPa @Thickness 1.60 mm	4060 psi @Thickness 0.0630 in	Sintered moldings; ASTM D4894/4895
Elongation at Break	340 %	340 %	Sintered Molding; ASTM D4894

Electrical Properties	Metric	English	Comments
Electrical Resistivity	1.00e+14 ohm-cm	1.00e+14 ohm-cm	IEC 60093
Surface Resistance	1.00e+17 ohm	1.00e+17 ohm	IEC 60093

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