

3M Dyneon™ TF 2072 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 50; Max is 3000. Average particle size 500 µm. Used for wire/cable insulation, 'spaghetti tubing' production. 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-2072-PTFE-Paste-Extrusion-Powder-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	2.16 g/cc	0.0780 lb/in ³	Sintered moldings; ASTM D4894/D4895
Apparent Bulk Density	0.500 g/cc	0.0181 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	360 %	360 %	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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