

**3M Dyneon™ TF 2071 PTFE (discontinued \*\*)**

Category : Polymer , Thermoplastic , Fluoropolymer , PTFE

**Material Notes:**

Processable by standard paste extrusion method TF 2071 and TF 2072 have a wide processing range because of high maximum allowable reduction ratio TF 2071 is recommended for high quality tubing and wire and cable insulation processed by paste extrusion method at reduction ratio up to 1600:1 High reduction ratios allow more cost-effective extrusion because larger performs can be used Information provided by Dyneon, A 3M Company

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_3M-Dyneon-TF-2071-PTFE-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_3M-Dyneon-TF-2071-PTFE-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Bulk Density	0.510 g/cc	0.0184 lb/in <sup>3</sup>	ASTM D4895
Density	2.16 g/cc	0.0780 lb/in <sup>3</sup>	ASTM D4895
Particle Size	500 µm	500 µm	average; ASTM D4895
Thickness	1600 microns	63.0 mil	ASTM D4895

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	28.0 MPa	4060 psi	ASTM D4895
Elongation at Break	360 %	360 %	ASTM D4895

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+19 ohm-cm	1.00e+19 ohm-cm	IEC 60093
Surface Resistance	1.00e+18 ohm	1.00e+18 ohm	IEC 60093

Descriptive Properties	Value	Comments
Extrusion Pressure	53 MPa	reduction ratio 1600, ASTM D4894
Reduction Ratio Range	20-1600:1	Dyneon Method

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