

## 3M Dyneon™ TFM™ 2001 PTFE (discontinued \*\*)

Category : Polymer , Thermoplastic , Fluoropolymer , PTFE

### Material Notes:

Processable by standard paste extrusion method Recommended for high performance applications with reduction ratios up to 1000:1 Provides denser polymer structure with fewer micro voids and lower gas permeability than standard PTFE fine powder grades Provides smooth surface, high transparency and weldability in the finished product Imparts isotropic mechanical properties, high stress-crack resistance, improved flex life, and high pressure resistance under surge stress Information provided by Dyneon, A 3M Company

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_3M-Dyneon-TFM-2001-PTFE-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_3M-Dyneon-TFM-2001-PTFE-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Bulk Density	0.450 g/cc	0.0163 lb/in <sup>3</sup>	ISO 12086
Density	2.15 g/cc	0.0777 lb/in <sup>3</sup>	Sintered Sheets; ISO 12086
Particle Size	500 µm	500 µm	average; ISO 12086
Thickness	63.0 microns	2.48 mil	ASTM D4895

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	34.0 MPa	4930 psi	Sintered Sheet; ISO 12086
Elongation at Break	400 %	400 %	ASTM D4895

Descriptive Properties	Value	Comments
Extrusion Pressure	26 MPa	reduction ratio 400, ASTM D4894
Reduction Ratio Range	20-1000:1	Dyneon Method

## Contact Songhan Plastic Technology Co.,Ltd.

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