

## 3M Dyneon™ TFM™ 2001Z PTFE

Category : Polymer , Thermoplastic , Fluoropolymer , PTFE

### Material Notes:

Dyneon™ TFM™ 2001 Z PTFE is an ideal grade for high-performance applications with reduction ratios up to 1000:1. This product has a denser polymer texture providing lower gas permeability than standard PTFE. Product Features: High molecular weightIsotropic mechanical propertiesSmooth surfaces and high transparencyVery good weldabilityEmulsion polymerization PTFEHigh stress cracking resistanceMeets ASTM D4895-04 Type 1, Grade 1, Class C classificationHigh pressure resistanceProcessing by standard paste extrusion methodInformation provided by Dyneon, A 3M Company

Order this product through the following link:

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

Physical Properties	Metric	English	Comments
Bulk Density	0.450 g/cc	0.0163 lb/in <sup>3</sup>	DIN EN ISO 60
Density	2.15 g/cc	0.0777 lb/in <sup>3</sup>	Sintered Sheets; DIN EN ISO 12086
Particle Size	550 µm	550 µm	average; ISO 13320

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	34.0 MPa	4930 psi	Sintered Sheet; DIN EN ISO 527-3
Elongation at Break	400 %	400 %	DIN EN ISO 527-3

Descriptive Properties	Value	Comments
Extrusion Pressure	26 MPa	reduction ratio 400, ASTM D4895
Reduction Ratio Range	20-1000:1	Dyneon Method

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China