

## 3M Dyneon™ TF 2029Z PTFE Fine Powder

Category : Polymer , Thermoplastic , Fluoropolymer , PTFE

### Material Notes:

Dyneon™ TF 2029 Z PTFE is an ideal grade for tapes with high mechanical strength, such as electrical tape for wrapped insulations or flat cables. Also ideal for yarn applications, including sewing and weaving yarn for filter and sealing materials. Product Features: High molecular weight Designed for low reduction ratios High stretch ratio Processable by standard paste extrusion methods Can be used to extrude pipe liners requiring high green strength Meets ASTM D4895-04 Type 1, Grade 1, Class B classification Information provided by Dyneon, A 3M Company

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_3M-Dyneon-TF-2029Z-PTFE-Fine-Powder.php](http://www.lookpolymers.com/polymer_3M-Dyneon-TF-2029Z-PTFE-Fine-Powder.php)

Physical Properties	Metric	English	Comments
Bulk Density	0.500 g/cc	0.0181 lb/in <sup>3</sup>	DIN EN ISO 60
Density	2.15 g/cc	0.0777 lb/in <sup>3</sup>	DIN EN ISO 12086
Particle Size	500 µm	500 µm	average; ISO 12086

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	28.0 MPa	4060 psi	DIN EN ISO 527-3
Elongation at Break	340 %	340 %	DIN EN ISO 527-3

Descriptive Properties	Value	Comments
Extrusion Pressure	50 MPa	reduction ratio 400, ASTM D4894
Reduction Ratio Range	5-100:1	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