

## 3M Dyneon™ TF 2073Z PTFE Fine Powder

Category : Polymer , Thermoplastic , Fluoropolymer , PTFE , PTFE Powder

### Material Notes:

Dyneon™ TF 2073 Z PTFE is an ideal grade for the manufacture of high quality micro tubing as well as wire and cable insulations. This product is also ideal for very thin-wall, smallest diameter tubing with maximum reduction ratio of up to 4200:1. Product Features: Needs less lubricant than TF 2072 Z PTFE Emulsion polymerization PTFE Product grade with lower extrusion pressure than TF 2070 Z PTFE Wide processing range Processing by standard paste extrusion methods Meets ASTM D4895-04 Type 1, Grade 1, Class C classification High molecular weight Information provided by 3M

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_3M-Dyneon-TF-2073Z-PTFE-Fine-Powder.php](http://www.lookpolymers.com/polymer_3M-Dyneon-TF-2073Z-PTFE-Fine-Powder.php)

Physical Properties	Metric	English	Comments
Bulk Density	0.490 g/cc	0.0177 lb/in <sup>3</sup>	DIN EN ISO 60
Density	2.17 g/cc	0.0784 lb/in <sup>3</sup>	DIN EN ISO 12086
Particle Size	430 µm	430 µm	ISO 13320

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	35.0 MPa	5080 psi	DIN EN ISO 527-3
Elongation at Break	460 %	460 %	DIN EN ISO 527-3

Descriptive Properties	Value	Comments
Extrusion pressure @ RR 400:1	30 MPa	@ RR 400:1
Range of Reduction Ratios (RR)	50-4200:1	

## Contact Songhan Plastic Technology Co.,Ltd.

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