

3M Dyneon™ TF 2025Z PTFE Fine Powder

Category : Polymer , Thermoplastic , Fluoropolymer , PTFE

Material Notes:

Dyneon™ TF 2025 Z PTFE is an ideal grade for pipe liner applications in chemical plant construction due to high green strength. Product Features: High molecular weight Fine powder grade for low to medium reduction ratio High stretch ratio Processable by standard paste extrusion methods Can be used for unsintered thread sealing tape, joint sealing and pipe lining, yarns and thick wall tubing 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-2025Z-PTFE-Fine-Powder.php

Physical Properties	Metric	English	Comments
Bulk Density	0.480 g/cc	0.0173 lb/in³	DIN EN ISO 60
Particle Size	500 µm	500 µm	average; ISO 13320

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	34.0 MPa	4930 psi	DIN EN ISO 527-3
Elongation at Break	360 %	360 %	DIN EN ISO 527-3

Descriptive Properties	Value	Comments
Extrusion Pressure	40 MPa	reduction ratio 400, ASTM D4894
Reduction Ratio Range	20-300:1	Dyneon Method

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