

3M Dyneon™ TF 2025 PTFE (discontinued **)

Category : Polymer , Thermoplastic , Fluoropolymer , PTFE

Material Notes:

Processable by standard paste extrusion methods Both grades can be processed at low to medium reduction ratios TF 2021 PTFE is preferred for unsintered thread sealing tapes and expanded joint sealants TF 2025 PTFE is recommended for pipe liner and applications because of its superior green strength Information provided by Dyneon, A 3M Company

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-Dyneon-TF-2025-PTFE-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Bulk Density	0.510 g/cc	0.0184 lb/in ³	ASTM D4895
Density	2.15 g/cc	0.0777 lb/in ³	ASTM D4895
Particle Size	500 µm	500 µm	average; ASTM D4895
Thickness	1600 microns	63.0 mil	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	28.0 MPa	4060 psi	ASTM D4895
Elongation at Break	340 %	340 %	ASTM D4895

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+19 ohm-cm	1.00e+19 ohm-cm	IEC 60093
Surface Resistance	1.00e+18 ohm	1.00e+18 ohm	IEC 60093

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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