

3M Dyneon™ TF 2053Z PTFE Fine Powder

Category : Polymer , Thermoplastic , Fluoropolymer , PTFE

Material Notes:

Dyneon™ TF 2053 Z PTFE is an ideal grade for extrusion of tubing and cables requiring only moderately high reduction ratio. Product Features: Processable by standard paste extrusion methods Good overall balance of mechanical properties and processability Emulsion Polymerization PTFE Meets ASTM D4895-04 Type 1, Grade 1, C Class C classification Information provided by Dyneon, A 3M Company

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-Dyneon-TF-2053Z-PTFE-Fine-Powder.php

Physical Properties	Metric	English	Comments
Bulk Density	0.500 g/cc	0.0181 lb/in³	ISO 12086
Density	2.16 g/cc	0.0780 lb/in³	DIN EN ISO 12086
Particle Size	520 µm	520 µm	average; ISO 13320

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	32.0 MPa	4640 psi	DIN EN ISO 527-3
Elongation at Break	390 %	390 %	DIN EN ISO 527-3

Descriptive Properties	Value	Comments
Extrusion Pressure,	65 MPa	ASTM D4895
Reduction Ratio Range	20-1200:1	(Dyneon Method)

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