

3M Dyneon™ TF 2072Z PTFE Fine Powder

Category : Polymer , Thermoplastic , Fluoropolymer , PTFE

Material Notes:

Dyneon™ TF 2072 Z PTFE is an ideal grade for thin-wall, small diameter tubing and wire and cable insulations, processed by paste extrusion method at reduction ratio up to 3000:1. This product offers more economic processing because of larger usable preforms. Product Features: High molecular weight Needs less lubricant than TF 2071 Z (1-2 parts by weight) Emulsion polymerization PTFE Product grade with lower extrusion pressure than TF 2071 Z Meets ASTM D4895-04 Type 1, Grade 1, Class C classification Processing by standard paste extrusion methods Information provided by Dyneon, A 3M Company

Order this product through the following link:

http://www.lookpolymers.com/polymer_3M-Dyneon-TF-2072Z-PTFE-Fine-Powder.php

Physical Properties	Metric	English	Comments
Bulk Density	0.470 g/cc	0.0170 lb/in ³	DIN EN ISO 60
Density	2.17 g/cc	0.0784 lb/in ³	DIN EN ISO 12086
Particle Size	440 µm	440 µm	average; ISO 13320

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	35.0 MPa	5080 psi	DIN EN ISO 527-3
Elongation at Break	470 %	470 %	DIN EN ISO 527-3

Descriptive Properties	Value	Comments
Extrusion Pressure	40 MPa	reduction ratio 400:1, ASTM D4895
Reduction Ratio Range	50-3000:1	Dyneon Method

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