

## Shandong Dongyue Polymer DF-16 PTFE Molding Powder (Micronized Particles)

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

### Material Notes:

Usage: The resin can be used as the general required electric source, which is suitable for making film, the products of thin wall, seal, gasket, club, panel, tube, axletree, seal ring, loop, filling compounds, etc. Packing: PTFE is packed in double layer PVC bags inside and in hard circular barrels outside. Storage: PTFE should be stored in a clean, dry warehouse to protect from dust, moisture, etc. Transportation: The products are transported according to non-dangerous products. Heat, moisture, freezing and strong shock should be avoided during transportation. Over-bumpiness and compression is apt to make the resin bind together. Conformable with Q/DYG 001-2003 Information provided by Shandong Dongyue Polymer Material Co., Ltd

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Shandong-Dongyue-Polymer-DF-16-PTFE-Molding-Powder-Micronized-Particles.php](http://www.lookpolymers.com/polymer_Shandong-Dongyue-Polymer-DF-16-PTFE-Molding-Powder-Micronized-Particles.php)

Physical Properties	Metric	English	Comments
Specific Gravity	2.13 - 2.16 g/cc	2.13 - 2.16 g/cc	
Bulk Density	0.300 - 0.450 g/cc	0.0108 - 0.0163 lb/in <sup>3</sup>	
Particle Size	65 Åµm	65 Åµm	<3%

Mechanical Properties	Metric	English	Comments
Tensile Strength	>= 27.4 MPa	>= 3970 psi	Qualified
	>= 29.0 MPa	>= 4210 psi	Grade A
Elongation at Break	>= 280 %	>= 280 %	Qualified
	>= 300 %	>= 300 %	Grade A

Thermal Properties	Metric	English	Comments
Melting Point	322 - 332 Å°C	612 - 630 Å°F	

Electrical Properties	Metric	English	Comments
Dielectric Strength	>= 60.0 kV/mm	>= 1520 kV/in	

Processing Properties	Metric	English	Comments
Moisture Content	<= 0.040 %	<= 0.040 %	

Descriptive Properties	Value	Comments
For Check	Execute according to requirement of HQ/T2903-1997	

Descriptive Properties For Process	Value For Molding	Comments
Smoothness & Cleanliness	White sheet surface, even texture, no metal residue quantity (<0.5mm)<2	
Thermal Inst. Index	<20	

## Contact Songhan Plastic Technology Co.,Ltd.

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