

## Shandong Dongyue Polymer DF-203 PTFE Fine Powder

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

### Material Notes:

Usage: The resin is used to process capillary tube, thin-wall tube, elastic belt and unsintered tape 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 004-2003 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-203-PTFE-Fine-Powder.php](http://www.lookpolymers.com/polymer_Shandong-Dongyue-Polymer-DF-203-PTFE-Fine-Powder.php)

Physical Properties	Metric	English	Comments
Specific Gravity	<= 2.20 g/cc	<= 2.20 g/cc	
Bulk Density	0.375 - 0.575 g/cc	0.0135 - 0.0208 lb/in <sup>3</sup>	
Particle Size	375 - 675 Åµm	375 - 675 Åµm	

Mechanical Properties	Metric	English	Comments
Tensile Strength	>= 20.7 MPa	>= 3000 psi	Qualified
	>= 24.0 MPa	>= 3480 psi	Grade A
	>= 28.0 MPa	>= 4060 psi	Excellent
Elongation at Break	>= 300 %	>= 300 %	

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

Electrical Properties	Metric	English	Comments
Dielectric Strength	<= 2.10 kV/mm	<= 53.3 kV/in	
Dissipation Factor	0.00030	0.00030	

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

Descriptive Properties	Value	Comments
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Extrude

RR100

Pressure (MPa) Descriptive Value	5.5-13.9 Value	Comments
Properties For Check	Execute according to requirement of HG/T3028-1999	
For Process	Paste Extrusion	
Smoothness & Cleanliness	Excellent: White sheet surface, fiber is average, no gravel and metallic powder, even sheet texture < 1 for mechanical impurity (>0.5mm) or organic impurity (>2mm)	
	Grade A: White sheet surface, fiber is average, no gravel and metallic powder, even sheet texture < 1 for mechanical impurity (>0.5mm) or organic impurity (>2mm)	
	Qualified: White sheet surface, fiber is average, no gravel and metallic powder, allow 0.5mm organic impurity	
Thermal Inst. Index	<30	

## Contact Songhan Plastic Technology Co.,Ltd.

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