

Shandong Dongyue Polymer DF- 101 PTFE Molding Powder (Medium Particle Size)

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

Material Notes:

Usage: Can be processed to film, sheet, rod, gasket, axle and presintered material. 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 002-2003 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-101-PTFE-Molding-Powder-Medium-Particle-Size.php

Physical Properties	Metric	English	Comments
Specific Gravity	2.13 - 2.16 g/cc	2.13 - 2.16 g/cc	
Bulk Density	0.400 - 0.600 g/cc	0.0145 - 0.0217 lb/in ³	
Particle Size	100 - 260 μm	100 - 260 μm	

Mechanical Properties	Metric	English	Comments
Tensile Strength	>= 25.5 MPa	>= 3700 psi	Qualified
	>= 27.0 MPa	>= 3920 psi	Grade A
Elongation at Break	>= 250 %	>= 250 %	

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

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

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

Descriptive Properties	Value	Comments
For Check	Execute according to requirement of HG/T3028-1999	
For Process	Molding	

Descriptive & Properties	Value	Comments
A: Clean and white surface, even texture, no foreign matters. D = 57mm, no color difference for rod color cross-section		
Qualified: Clean and white surface, even texture, no metal residue, residue quantity (<1mm) < 2		
Thermal Inst. Index	<20	

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