

## Shandong Dongyue Polymer DF-202 PTFE Fine Powder

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

### Material Notes:

Usage: It is mainly used to process, belt, thin sheet and unsintered tape, thin wall rod 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-202-PTFE-Fine-Powder.php](http://www.lookpolymers.com/polymer_Shandong-Dongyue-Polymer-DF-202-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      | >= 18.6 MPa | >= 2700 psi | Qualified |
|                       | >= 20.7 MPa | >= 3000 psi | Grade A   |
|                       | >= 24.0 MPa | >= 3480 psi | Excellent |
| Elongation at Break   | >= 350 %    | >= 350 %    |           |

| 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 |
|------------------------|-------|----------|
|------------------------|-------|----------|

Extrude

RR100

| Pressure (MPa)<br>Descriptive Value | 5.5-13.9<br>Value   | Comments |
|-------------------------------------|---|----------|
| Properties<br>For Check             | Execute according to requirement of HG/T3028-1999   |          |
| For Process                         | Paste Extrusion   |          |
| Smoothness &<br>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.<br>Index              | <30   |          |

## Contact Songhan Plastic Technology Co.,Ltd.

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