

**TECHNICAL DATA****PTFE Fine Powder PF-240**

## Product Overview

**Product:** PTFE Fine Powder PF-240 is a high-quality PFOA-free fine powder designed for paste-extrusion applications.

**Typical Applications:** It is mainly used for elastic band, membrane, cable-wrapping film and high-density seal tape.

**Availability:** It is packed in two layers of plastic bags in a hard bucket. The net weight is 20 kg per bucket, and a product certificate is attached to each bucket.

**TYPICAL PROPERTIES OF PTFE Fine Powder PF-240** (Data not for specification purposes)

| Properties                | Test Method | Unit | PF-240                        |
|---------------------------|-------------|------|-------------------------------|
| Cleanliness               | —           | —    | Excellent Grade / First Grade |
| Bulk Density              | —           | g/L  | 475±100                       |
| Tensile Strength          | —           | MPa  | ≥24                           |
| Elongation at Break       | —           | %    | ≥300                          |
| Moisture Content          | —           | %    | ≤0.030                        |
| Standard Specific Gravity | —           | —    | 2.150-2.180                   |
| Average Particle Size     | —           | μm   | 400-575                       |
| Maximum Reduction Ratio   | —           | —    | 400:1                         |
| Extrusion Pressure        | —           | MPa  | 30.0-45.0 (400:1)             |

## CERTIFICATION

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- SGS Certification
- ROHS Certification
- REACH Certification
- SVHC Certification

## PRODUCT DESCRIPTION

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PTFE Fine Powder PF-240 is a PFOA-free fine-powder resin with versatile paste-extrusion grade for tape and membrane products. It provides the chemical resistance, heat resistance, electrical insulation and low-friction performance expected of PTFE. The grade is intended for elastic band, membrane, cable-wrapping film and high-density seal tape.

## PROCESSING

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PTFE Fine Powder PF-240 is typically processed by paste extrusion. The recommended extrusion-pressure range is 30.0-45.0 (400:1), and the stated maximum reduction ratio is 400:1. Actual processing conditions should be optimized for the equipment and finished-product geometry.

## STORAGE AND HANDLING

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1. The products shall be transported as non-dangerous chemical. During transportation, prevent from humidity, intense vibration and package damage.
2. Products should be stored in a clean, cool and dry warehouse to prevent the mixing of dust, moisture and other impurities.

## QUZHOU DFS CHEM CO., LTD.

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