

## TECHNICAL DATA

## PTFE Fine Powder PF-210

### Product Overview

**Product:** PTFE Fine Powder PF-210 is a high-quality PFOA-free fine powder designed for paste-extrusion applications.

**Typical Applications:** It is mainly used for low- and medium-density seal tape and short fiber.

**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-210 (Data not for specification purposes)

| Properties                | Test Method | Unit | PF-210                                         |
|---------------------------|-------------|------|------------------------------------------------|
| Cleanliness               | —           | —    | Excellent Grade / First Grade                  |
| Bulk Density              | —           | g/L  | 475±100                                        |
| Tensile Strength          | —           | MPa  | ≥24                                            |
| Elongation at Break       | —           | %    | Excellent Grade: 480-550; First Grade: 300-650 |
| Moisture Content          | —           | %    | ≤0.030                                         |
| Standard Specific Gravity | —           | —    | 2.200-2.230                                    |
| Average Particle Size     | —           | μm   | 400-575                                        |
| Maximum Reduction Ratio   | —           | —    | 400:1                                          |
| Extrusion Pressure        | —           | MPa  | 20.0-40.0 (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-210 is a PFOA-free fine-powder resin with balanced extrusion performance for seal tape and short-fiber applications. It provides the chemical resistance, heat resistance, electrical insulation and low-friction performance expected of PTFE. The grade is intended for low- and medium-density seal tape and short fiber.

## PROCESSING

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PTFE Fine Powder PF-210 is typically processed by paste extrusion. The recommended extrusion-pressure range is 20.0-40.0 (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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