

TECHNICAL DATA**PTFE Fine Powder PF-249**

Product Overview

Product: PTFE Fine Powder PF-249 is a high-quality PFOA-free fine powder designed for paste-extrusion applications.

Typical Applications: It is mainly used for transparent, pressure-resistant tubing.

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-249 (Data not for specification purposes)

Properties	Test Method	Unit	PF-249
Cleanliness	—	—	Excellent Grade / First Grade
Bulk Density	—	g/L	400±100
Tensile Strength	—	MPa	≥25
Elongation at Break	—	%	≥300
Moisture Content	—	%	≤0.030
Standard Specific Gravity	—	—	2.140-2.160
Average Particle Size	—	μm	400-575
Maximum Reduction Ratio	—	—	1000:1
Extrusion Pressure	—	MPa	20.0-40.0 (400:1)
Thermal Instability Index	—	—	≤10

CERTIFICATION

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

PRODUCT DESCRIPTION

PTFE Fine Powder PF-249 is a PFOA-free fine-powder resin with high thermal stability, superior stress-crack resistance, low permeability and excellent clarity. It provides the chemical resistance, heat resistance, electrical insulation and low-friction performance expected of PTFE. The grade is intended for transparent, pressure-resistant tubing.

PROCESSING

PTFE Fine Powder PF-249 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 1000:1. Actual processing conditions should be optimized for the equipment and finished-product geometry.

STORAGE AND HANDLING

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.

LOCATION

NO 288, Qinjiang East Road, Kecheng
Quzhou, Zhejiang, China

CONTACT US

Phone: +86 570 2969501
Email: info@peflon.com