



<https://peflon.com/>

**PTFE Dispersion PF-DT**

**TECHNICAL DATA**

PTFE is a synthetic fluoropolymer that is used in various applications due to its unique properties, such as chemical resistance, high-temperature tolerance, and non-stick properties. PTFE is available in different forms, including granular, fine powder, and dispersion.

**Product Overview**

*Product:* PTFE Dispersion PF-DT has excellent heat resistance, electrical insulation, and chemical permeability resistance.

*Typical Applications:* It is mainly used for non-stick coating with high brightness, high adhesion performance, and high film-forming requirements.

*Availability:* It is packed in a sealed PVC bag, and loaded in water content proof paper barrel. The net weight is (25±0.1) kg per Drum.

**TYPICAL PROPERTIES OF PTFE Dispersion PF-DT (Data not for specification purposes)**

Properties	Test Method	Unit	PF-DT
Appearance			White or yellowish liquid
Solid Content, %	ASTM D4441	%	60±2
Surfactant, %	ASTM D4441	%	4.0-7.0
PH	ASTM E70		8-10
Viscosity, (x10 <sup>-3</sup> Pa.s)	ASTM D2196	x10 <sup>-3</sup> Pa.s	15-75

## CERTIFICATION

---

- SGS Certification
- ROHS Certification
- REACH Certification
- SVHC Certification
- FDA Approved
- EU Approved

## PRODUCT DESCRIPTION

---

PTFE Dispersion PF-DT is a high-quality aqueous dispersion of polytetrafluoroethylene (PTFE) particles, designed to be used as a coating material for various substrates. The dispersion is highly uniform in size and shape, ensuring consistent coating quality and excellent surface coverage. It can be applied using various methods and exhibits excellent non-stick properties, high-temperature resistance, chemical resistance, and abrasion resistance.

## PROCESSING

---

PF-DT is processed by mixing PTFE powder with a carrier liquid, such as water or an organic solvent. The mixture is then processed using high-shear mixing equipment to create a uniform dispersion of PTFE particles in the liquid. This dispersion can be used in a variety of applications, including coatings, textiles, and lubricants.

## STORAGE AND HANDLING

---

Not classified as hazardous for transport. During transportation and storage, avoid heavy shaking, and prevent solarization. It should stock in a clean, cool, and dry warehouse, to prevent agglomeration and contamination

---

## QUZHOU DFS CHEM CO., LTD.

### LOCATION

NO 95, Changqian Road, Kecheng  
Quzhou, Zhejiang, China

### CONTACT US

Phone: +86 13957007557  
Email: [info@peflon.com](mailto:info@peflon.com)