

PRODUCT OVERVIEW

Product: PTFE Dispersion PF-DF is a high-quality aqueous dispersion of polytetrafluoroethylene (PTFE) particles, highly uniform in size and shape, ensuring consistent coating quality and excellent surface coverage. It has excellent heat resistance, electrical insulation and chemical permeability resistance, and can be applied using various methods.

Typical Applications: It is mainly used in the impregnation of glass fiber and asbestos, and in high-grade non-stick coatings (PFOA free).

Package: (25±0.1) kg per drum, and IBC Drum 1350kg.

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

Properties	Test Method	Unit	PF-DF
Appearance	—	—	White or yellowish liquid
Solid Content	ASTM D4441	%	60±2
Surfactant	ASTM D4441	%	4.0 - 7.0
PH	ASTM E70	—	8.0 - 10.0
Viscosity	ASTM D2196	x10 ⁻³ Pa.s	10 - 100

REGULATORY INFORMATION (EU COMPLIANCE STATEMENT)

- The product does not intentionally contain SVHC substances above 0.1% (w/w) as defined under REACH (EC) No 1907/2006.
- Compliant with RoHS Directive 2011/65/EU (as amended).
- Not classified as hazardous under CLP Regulation (EC) No 1272/2008.
- Safety Data Sheet and formal Declarations of Compliance available upon request.

STORAGE AND HANDLING

1. Not classified as hazardous for transport.
2. The optimum storage temperature range is 15–25 °C (59–77 °F). If dispersions are to be stored for extended periods, lower-temperature storage is desirable.
3. Temperatures above 40 °C (104 °F) should be avoided, and the dispersion must be protected from freezing; both cause irreversible settling.
4. For optimal performance, PF-DF should be gently mixed or rolled monthly and prior to use.
5. During transportation and storage, avoid heavy shaking, and prevent solarization.
6. It should stock in a clean, cool, and dry warehouse, to prevent agglomeration and contamination.
7. The pH of opened containers should be measured and maintained between 8 and 10.

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LOCATION

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