

PRODUCT OVERVIEW

PTFE Dispersion PF-4D07 is a milky to yellowish aqueous PFA dispersion stabilized with surfactant. It is designed for coating and impregnation applications and is compatible with ordinary PTFE dispersions.

TYPICAL APPLICATIONS: Impregnation, coating and related applications.

AVAILABILITY: 25kg and 1200kg packaging.

TYPICAL PROPERTIES OF PTFE Dispersion PF-4D07 (Typical data, not for specification purposes)

Properties	Test Method	Unit	PF-4D07
Appearance	Visual inspection	/	Milky or yellowish liquid
Solids content	Factory method	wt%	50 +/- 2
pH value	Factory method	/	9.5-10.5
Average particle size*	Factory method	nm	100
Viscosity (25 +/- 1 deg C)	Factory method	Pa s	(1-15) x 10 ⁻³
Surfactant / PTFE	Factory method	wt%	5-12

CHARACTERISTICS

Good metal adhesion and good mechanical stability. Highly compatible with ordinary PTFE dispersions and suitable for mixing processes.

* Typical value. Source product reference: DF-351PS.

CERTIFICATION

- ROHS Certification
- REACH Certification
- SVHC Certification

TRANSPORTATION AND STORAGE

1. Peflon PF-4D07 must be properly stored to maximize dispersion stability.
2. The product is transported as non-dangerous goods. Avoid severe vibration and keep at 5-35 deg C. Protect the dispersion from freezing and excessive heat.
3. The PTFE particles may settle during prolonged standing. Shake or gently stir the product once a week to prevent precipitation.
4. The shelf life is one year when the product is stored unopened under the recommended conditions.
5. Before use, mix gently until uniform. Minimize high-speed stirring, pumping and violent agitation to reduce coagulation and foaming.
6. Keep containers tightly closed and storage and handling areas clean. Avoid contamination and drying at the liquid surface.
7. Available packaging weights are 25kg and 1200kg.

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