FEP Dispersion 3D03 is the copolymer of TFE and HFP. Environmental-friendly perfluorinated ethylene- propylene copolymer dispersion is a water-phase dispersion solution stabilized by non-ionic surfactants which can be degraded during processing and will not cause pollution.

PRODUCT OVERVIEW

PRODUCT: FEP Dispersion PF-3D03 has excellent thermal stability, corrosion resistance, excellent chemical inertness, good electrical insulation, and low coefficient of friction.It can be used at temperature up to 200°C continuously. It is inert to almost all industrial chemicals and solvents.

TYPICAL APPLICATIONS: It is mainly used for coating and impregnation. It is also suitable for processing many products, including heat resistant FEP/PTFE impregnation fiber surface coating, PWB, or electrical insulation materials, injection film, or chemical isolation materials.

AVAILABILITY: 25kg drum, 1250kg IBC tank.

TYPICAL PROPERTIES OF FEP Dispersion PF-3D03 (Data not for specification purposes)

Properties	Test Method	Unit	PF-3D03
Appearance	Visual inspection	/	White or yellowish liquid
Melting Flow Rate	GB/T 3682	g/10min	0.8-10.0
Solid, %	ASTM D4441	%	50.0±2.0
Surfactant concentration, %	ASTM D4441	%	6.0±2.0
PH Value	GB/T 9724	/	7.5-10.5

CERTIFICATION

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

ATTENTION

1. The processing temperature should not exceed 400℃ to prevent toxic gas from releasing .
2. Stiring the stored product two or there tines a month to avoid any possible precipitation.

PACKAGE, TRANSPORTATION AND STORAGE

1. Peflon PF- 3D03 must be properly stored to maximize the stability of the dispersion.
2. The FEP particles will settle on prolonged standing and/or on prolonged heating.
3. Temperatures above 40 °C (104 °F) should be avoided.
4. The dispersion must be protected from freezing, which will cause irreversible settling. The optimum storage temperature range is 5–30 °C (43–81 °F). If dispersions are to be stored for extended periods, lower-temperature storage is desirable.
5. For optimal performance, Peflon PF- 3D03 should be gently mixed or rolled monthly and prior to use.
6. Set the pH to 7-9 at the time of shipment. High ambient temperatures can deplete the ammonium hydroxide level and reduce the pH. Declining pH eventually favors bacterial growth, which causes odor and scum. The pH of opened containers should be measured and maintained between 7 and 10.
7. High-speed stirring, pumping, or any other violent agitation should be minimized to prevent coagulation and to minimize foaming.

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