

PRODUCT OVERVIEW

PTFE Dispersion PF-DH is a white to pale-yellow aqueous polytetrafluoroethylene (PTFE) dispersion concentrate. Its high solids content and controlled rheology make it suitable for further formulation and a range of coating or impregnation processes.

TYPICAL APPLICATIONS: Formulation, dilution, coating and impregnation.

PRODUCT FORM: Aqueous PTFE dispersion concentrate.

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

Properties	Test Method	Unit	PF-DH
Appearance	Visual inspection	/	White or pale-yellow emulsion
Solids content	Factory specification	%	58-62
Average particle size	Factory specification	um	0.15-0.25
Viscosity	Factory specification	mPa s	10-40
Surfactant content	Factory specification	%	4-7
pH value	Factory specification	/	8-11

CHARACTERISTICS

High-solids PTFE dispersion concentrate with controlled particle size, viscosity and surfactant content. Suitable for formulation, dilution, coating and impregnation processes.

CERTIFICATION

- ROHS Certification
- REACH Certification
- SVHC Certification

TRANSPORTATION AND STORAGE

1. Peflon PF-DH must be properly stored to maintain dispersion stability.
2. Keep the product sealed in its original container and protect it from freezing, excessive heat and direct sunlight.
3. PTFE particles may settle during prolonged standing. Gently mix the product until uniform before use.
4. Avoid severe vibration and minimize high-speed stirring, pumping or violent agitation to reduce coagulation and foaming.
5. Keep storage and handling areas clean. Prevent contamination and avoid drying at the liquid surface.
6. Use suitable non-contaminating equipment and close the container promptly after sampling or use.

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