



Eco-Friendly

FLUORO CHEMICAL

Non-Toxic

SINOGRACE

The Chemical Company

PTFE Emulsion

PF-700 PTFE aqueous dispersion emulsion

DESCRIPTION

PF-700 is liquid dispersion products offer a practical method for PTFE coating or impregnating various materials and substrates to obtain properties typical of fluoroplastics such as, chemical resistance, low coefficient of friction, excellent dielectric and release characteristics and a wide service temperature spectrum.

TYPE

PTFE aqueous dispersion emulsion

KEY

- Smaller particle sizes
- Non-stick characteristics
- Excellent weatherability
- Excellent dielectric properties
- Stability at high temperatures
- Lowest coefficient of friction of any solid material
- Inertness to nearly all industrial chemicals and solvents

FEATURES

TYPICAL

Appearance	Milky white liquid
Solid content (%)	60
pH	9-10
Viscosity (MPa s)	25-40
Density/g/cm³	1.50-1.52
Surfactant Content (%)	4
Dispersion Particle Size (µm)	218 (average diameter)

PROPERTIES

APPLICATION

- Anti-drip additive for plastics
- Impregnated packing made from braided fibers for severe chemical and thermal service
- Surface coatings for metallic or other high-temperature substrates
- Coated woven fiber-glass fabric used in architectural, high performance industrial, food processing, and electronics applications

STORAGE

AND

HANDLING

- Available in 200 kg/ barrel or 20 kg/ barrel
- Store products in tightly closed original containers at 5-40°C
- Shelf life: 12 months from delivery date
- According to non-dangerous goods transport

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