



Eco-Friendly

**FLUORO CHEMICAL**

Non-Toxic

**SINOGRACE**

The Chemical Company

## PTFE Emulsion

### PF-701 PFOA free PTFE aqueous dispersion emulsion

PF-701 is aqueous dispersions with (PFOA free) are generally used in the coating of fabrics and other substrates in various end use applications: Filtration, Architectural Roofing, Electronics, Semiconductor, Food Processing, Packaging and other end use components requiring a high performance fluoroplastic material.

#### DESCRIPTION

#### TYPE

PTFE aqueous dispersion emulsion

#### KEY FEATURES

- PFOA free
- High gloss
- 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

#### TYPICAL PROPERTIES

<b>Appearance</b>	Milky white liquid
<b>Solid content (%)</b>	60
<b>pH</b>	8-9
<b>Viscosity (MPa s)</b>	20-35
<b>Density/g/cm<sup>3</sup></b>	1.50-1.52
<b>Surfactant Content (%)</b>	1.5
<b>Dispersion Particle Size (µm)</b>	205 (average diameter)

#### APPLICATION

- Non-stick coating
- Building coating
- Formulated 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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