

TECHNICAL DATA**FEP (fluorinated ethylene propylene) PF-307**

Product: PF-307 has exceptional dielectric properties and low flammability, is chemically inert and has weatherability. It is a melt-processible copolymer of tetrafluoroethylene and hexafluoropropylene, without additives.

Applications: Cable insulation.

Characteristics: Insulation processing at medium or low speeds.

Availability: Net weight 25kg, single-layer, plastic bags.

TYPICAL PROPERTIES OF FEP PF-307 (Data not for specification purposes)

Properties	Test Method	Unit	PF-307
Melt Flow Rate	ASTM D2116	g/10 min	20.1-24.0
Tensile Stress, $\geq$		MPa	18.0
Fracture Strain, $\geq$		%	275
Relative Gravity	D792		2.12-2.17
Melting Point		°C	260 $\pm$ 10
Dielectric Constant (10^6 Hz), $\leq$	D150	/	2.15
Dissipation Factor (10^6 Hz), $\leq$	D150	/	7.0×10^{-4}

CERTIFICATION

- ROHS Certification
- REACH Certification
- SVHC Certification
- EU Approved

PROCESSING

FEP PF-307 resin can be processed by compression molding, injection molding and extrusion processes. For smooth feeding to extrusion equipment, it is supplied in 3 mm (0.12 in) pellets. The molding machines used for PF-307 should be constructed of high nickel alloy corrosion-resistant materials and be capable of operating at temperatures up to 400 °C (750 °F).

STORAGE AND HANDLING

The properties of FEP PF-307 resins are not affected by storage time. Ambient storage conditions should be designed to avoid airborne contamination and water condensation on the resin when opening and emptying the packaging.

QUZHOU DFS CHEM CO., LTD.

LOCATION

NO 288, Qinjiang East Road, Kecheng
Quzhou, Zhejiang, China

CONTACT US

Phone: +86 570 2969501
Email: info@peflon.com