

Product: PF-302 has exceptional dielectric properties, low flammability is chemically inert, and has weatherability. It is a melt-processible copolymer of tetrafluoroethylene and hexafluoropropylene, without additives,

Applications: It is typically used for Tubes, piping, linings, bellows, Jackets for wire and cable applications demanding a high degree of stress crack resistance.

Packing: It is packaged in 25-kg, single-layer, plastic bags.

TYPICAL PROPERTIES OF FEP PF-302 (Data not for specification purposes)

Properties	Test Method	Unit	PF-302
Melt Flow Rate	ASTM D2116	g/10 min	2.1 ~ 4.0
Specific Gravity	D792		2.12-2.17
Critical Shear Rate	D638	MPa	27.0
Tensile Strength, 23 °C (73 °F) ≥	D638	%	330
Elongation at Break ≥	D256	kJ/m2	No Break
Impact Strength, Notched Izod, 23 °C (73 °F)	D570	%	< 0.01
Volatile Matter ≤	D2240	D2240	D56
Hardness, Shore Durometer	D543		Excellent
Chemical Resistance	D4591/D3418	°C (°F)	265 (505)
Melting Point	D150		2.15

CERTIFICATION

- PFOA Free, PFAS Free
- ROHS Certification
- REACH Certification
- SVHC Certification

PROCESSING

PF-302 resin can be processed by conventional melt extrusion, and by injection, compression, and blow molding processes. For smooth feeding to extrusion equipment, it is supplied in 3 mm (0.12 in) pellets. The extruders and molding machines used for PF-302 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-302 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 95, Changqian Road, Kecheng
Quzhou, Zhejiang, China

CONTACT US

Phone: +86 13957007557
Email: info@peflon.com