

Product: FEP is the copolymer of TFE and HFP, with good thermal stability, outstanding chemical inertness, excellent electrical insulation and low friction coefficient, and can be processed by a thermoplastic processing method. 610 resin with low molecular weight and high melt index has low extrusion temperature, high extrusion velocity (5-8 times of common FEP resin), and good flexibility, fold resistance and tenacity.

Typical Applications: Heat stress cracking resistant plastics, mainly for wire insulation layer, thin-walled tube.

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

TYPICAL PROPERTIES OF FEP PF-311 (Data not for specification purposes)

Properties	Test Method	Unit	PF-311
Appearance	HG/T 2904		Translucent particle, scrap metal, sand and other impurities cannot be mixed, particles with visible dark spots cannot exceed 2%
Melt Index	GB/T 3682	g/10min	2.1-5.0
Tensile Strength, \geq	GB/T 1040	MPa	26
Fracture strain, \geq	GB/T 1040	%	310
Relative Gravity	GB/T 1033	/	2.12-2.17
Melting Point	GB/T 28724	°C	260 \pm 10
Dielectric Constant(106 HZ), \leq	GB/T 1409	/	2.15
Dissipation Factor(106 HZ), \leq	GB/T 1409	/	7.0 \times 10 ⁻⁴
Hot stress Cracking Resistance	GB/T 1842	/	Crack less

CERTIFICATION

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

PROCESSING

FEP PF-311 is the copolymer of TFE and HFP, with good thermal stability, outstanding chemical inertness, good electrical insulation, and low coefficient of friction. It can be processed by thermoplastic method. Avoid processing at above 420°C to prevent toxic gas from releasing.

STORAGE AND HANDLING

It should be stored in a clean, dry, cool and shady environment to prevent mixing of impurities. It is nontoxic, non-inflammable, Non explosive and noncorrosive, so it is transported according to non-dangerous goods.

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