PEFLON

https://peflon.com/

TECHNICAL DATA

FEP (fluorinated ethylene propylene) PF-311

**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, ≥ | GB/T 1040 | MPa | 26 |
| Fracture strain, ≥ | GB/T 1040 | % | 310 |
| Relative Gravity | GB/T 1033 | / | 2.12-2.17 |
| Melting Point | GB/T 28724 | ℃ | 260±10 |
| Dielectric Constant(106 HZ), ≤ | GB/T 1409 | / | 2.15 |
| Dissipation Factor(106 HZ), ≤ | GB/T 1409 | / | 7.0×10 -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 electricalinsulation,and low coeficient of friction,It can be processed by thermoplastic method.Avoid processing at above 420℃ 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.

## 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