

FEP Specifications **(Fluorinated ethylene propylene)**

Physical properties:

- Specific gravity: 2.12-2.17 (ASTM D792)
- Color: Natural

Mechanical properties:

- Tensile strength: 4350 PSI (ASTM D638)
- Elongation: 325% (ASTM D638)
- Hardness: D56

Thermal properties:

- Melting point: 255 °C

Electrical properties:

- Dielectric strength: >100 (kV/mm) (ASTM D149)
- Dissipation factor: 1kHz 0.0005(ASTM D150)

General:

- Water absorption: 24 hour <0.01 % (ASTM D570)
- Weather and chemical resistance: Outstanding

FEP is ASTM D2116 Type IV