Kapton® FN Polyimide Disk

Kapton® FN disk (120/150/200 gauge, FEP one or both faces) for lamination stacks, capacitor assemblies & sensor housings — no adhesive required. **SKU:** 1000237703-group
Product Code: IM38-FM

Material Properties for Polymers

Thermal Properties

Element	Value
Lower working temperature(°C)	-269
Upper working temperature(°C)	240
Thermal conductivity(W m?¹ K?¹)	0.12

Electrical Properties

Element	Value
Dielectric strength(kV mm?¹)	272
Volume resistivity(?·cm)	1.4×10^17
Surface Treatment	FEP coating

Mechanical Properties

Element	Value
Tensile strength(Mpa)	207
Elongation at break(%)	75
Coefficient of friction(Kinetic)	0.48

Physical Properties

Element	Value
Density(gcm?³)	1.53
Flammability(UL-94)	V-0