

FEP sheet

FEP sheet is made from FEP resin and prepared by the technology of molding. It can be used as sealing part, wear-resistant component and electric component under the condition of high frequency and corrosive media at the temperature of -180 through +200. It has the low coefficient of friction

Applications : Lining Bearing pads, seals, and electrical insulation Lining Bearing pads, seals, and electrical insulation

Main Technical Parameters

Property	Unit	Result
Appetent density	g/cm ³	2.10—2.30
Tensile strength (min)	MPa	≥15.0
Ultimate elongation (min)	%	%150
Dialectic strength Dialectic strength	KV/mm	10

Length(mm)×Width(mm)	Nominal	Thickness(mm)	
			Tolerance
150×150	1.0-30		±0.30-±0.50
250×250	1.5-30		±0.30-±0.50
300×300	1.5-30		±0.30-±0.50
450×450	1.5-30		±0.30-±0.50
600×600	2-30		±0.30-±0.50
800×800	3-30		±0.30-±0.50
1000×1000	3-30		±0.30-±0.50
1200×1200	3-30		±0.30-±0.50
1000×2000	5-35		±0.30-±0.60
1500×1500	5-30		±0.30-±0.50
1800×1800	8-30		±0.30-±0.50
			±0.30-±0
		1000×1000	3-30 ±0.30-±0.50
		1200×1200	3-30 ±0.30-±0.50
		1000×2000	5-35 ±0.30-±0.60
		1500×1500	5-30 ±0.30-±0.50
		1800×1800	8-30 ±0.30-±0.50
2000×2000	8-30	2000×2000	

.50

FEP Main Properties

Item	Value
Tensile Strength	MPa≥20
Elongation (@ Break)	%≥250
Relative Density	2.14~2.17