

FR4**Products details**

- **Type:**Insulation Sheet
- **Material:**Fiberglass
- **Application:**High Temperature
- **Rated Voltage:**45KV
- **Tensile Strength:**340MPA

Specifications

- FR4 epoxy glassfiber sheet
 - 1.Excellent Strength properties
 - 2.Anti-Fire properties
 - 3.Performs special well in humid environments

Description

Application/ FR4 epoxy glass sheet
Sensitive electronic equipment

Circuit Board manufacturing**Relays and Switches****Communication systems****Mechanical and appliances lines****FR4 TECHNICAL DATA SHEET**

NO	ITEM	UNIT	INDEX
1	SURFACE RESISTANCE AFTER	MΩ	Min: 50000

	DAMP HEAT AND RECOVERY			
2	VOLUME RESISTIVITY AFTER DAMP HEAT AND RECOVERY		MΩ .m	Min: 10000
3	PERMITIVITY AFTER DAMP HEAT AND RECOVERY		/	MAX: 5.5
4	DISSIPATION FACTOR AFTER DAMP HEAT AND RECOVERY		/	MAX: 0.035
5	PULLING STRENGTH		N	MIN: 60
6	PEEL STRENGTH AFTER EXPOSURE TO SOLVENT VAPOUR		N/mm	MIN: 1.4
7	BLISTERING AFTER 10S HEAT SHOCK		/	NO BLISTERING OR DELAMINATION
8	SOLDERABILITY (WETTING TEST)		S	2
9	FLEXURAL STRENGTH		MPa	MIN: 300
10	FLAMMABILITY (VERTICAL BURNING TEST)		/	FV0 OR FV1
11	WATER ABSORPTION		mg	MAX: 20
12	MEASLING		/	NO MEASLING OR BLISTERING OR DELAMINATION
13	WARPAGE	BOW	mm	MAX: 18
		TWIST		MAX: 20