

Fiberglass sheet datasheet - Yellow
SGS approved

PROPERTIES	Unit	Value	Value
Name:Fiberglass Moldel FR4/C NS13949-200			
Standrad Dimension	1020x1220mm		
Thickness (0.1-80mm)		<0.5mm	>0.5mm
Density	g/cm ³	2.08	2.08
Volume resistivity, Minimum	Ohm (Ω) * cm	10 ¹³	10 ¹³
Surface resistivity, Minimum	Ohm (Ω)	10 ¹³	10 ¹³
Dielectric constant at 1 MHz	-	5.4	5.4
Water absorption 24hrs	%	< 0.8	< 0.8
Dielectric Breakdown,Minimun	KV	-	42
Flexural Strength			
Lengthwise	N/mm ²	-	415
Crosswise		-	345
Electric Strength	KV/mm	30	-
Flame Resistance	-	UL94 V-0	UL94 V-0
Glass Transition Temperature	C°	200°C	200°C
Decomosition Temperature	C°	350°C	350°C
Flammability Rating(6mm thickness)	-	-	HB
Thermal Resistance			
A. T260	Minutes		>60
B288	Minutes		>60

- All the values are average values
- Cosmetic defects are not considered as non-conformities.
- Due to the nature of the glass fiber and the resin composite material. The colour repartition is not guaranteed.