

Fiberglass sheet datasheet- G10 Green

| PROPERTIES | Unit | Value | Value |
|------------------------------------|-----------------------|-----------|-----------|
| Name: Fiberglass Moldel: G10-B | | | |
| Standrad Dimension | 1020x1220mm | | |
| Thickness (0.1-80mm) | | <0.5mm | >0.5mm |
| Density | g/cm3 | 2.18 | 2.18 |
| Volume resistively, Minimum | Ohm (Ω) * cm | 10^{13} | 10^{13} |
| Surface resistively, 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° | 140 | 200C° |
| Decomosition Temperature | C° | 260 | 260 |
| Flammability Rating(6mm thickness) | - | | HB |
| Thermal Resistance | | | |
| A. T260 | Minutes | | >60 |
| B288 | Minutes | | >60 |