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## Plastics

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2 products match your selections



Material	Garolite
Garolite Material	Grade G-10/FR4 Garolite
Backing	Plain Back
Shape	Sheets, Bars, Strips, and Cubes
Sheets, Bars, Strips, and Cubes Type	Square Sheet
Thickness	5/8"
Length	12"
Width	12"
Opaque	Brownish-Green
Highest Temperature	+201° to +300° F
Specifications Met	Military Specifications (MIL) and Underwriters Laboratories (UL)
MIL Specification	MIL-I-24768
UL Rating	UL 94V0

### Operating Temperature

Select the level of low and high temperature resistance that best approximates your need. Before purchasing a product, verify that the Operating Temperature Range is suitable for your application. These selections are meant only as a general guide.

Lowest Temperature  
 +0° to +60° F

### Performance Characteristic

#### High Tensile Strength

Superior ability to resist being torn apart. Generally withstands a pulling force greater than 10,000 psi.

#### High Impact Strength

Greater ability to withstand forceful sudden impact (similar to hammer strike). Generally withstands 5 foot-pounds of energy per inch of thickness under normal conditions.

#### Electrical Insulator

Effectively resists flow of electricity. Commonly used in housing or mounting of electrical components. Generally resists at least 500 volts per .001 in. of thickness.

#### Flame Resistant

Material helps resist or retard the spread of fire.

### Tolerance

**Standard:** Material is manufactured to a nominal dimension according to commonly accepted tolerances. Example: 1/4" Diameter  $\pm$ .002".

**Ground:** Material is ground to closer tolerances to the nominal dimension than standard. Example: 1/4" Diameter  $\pm$ .001".

### These 2 products match your selections

Performance Characteristic	Tolerance	Operating Temperature Range		Each
Electrical Insulator	Standard	0° to +284° F	<a href="#">8667K219</a>	\$60.98
High Tensile Strength, High Impact Strength, Flame Resistant	Ground	Up to +284° F	<a href="#">2911T41</a>	73.59