



## Epoxy Glass Laminates

# Micarta<sup>®</sup>

### NEMA Grade G-11

### Micarta<sup>®</sup> Grade H-26671

#### Product Description:

This is a high strength low cost alternative to other G-11 laminates. High mechanical properties at up to 150°C

**Applications:** Wave solder carrier boards • Power generation apparatus components

#### Typical Properties:

Density	.069 lb/in <sup>3</sup>	Water Absorption	.085%
Hardness (Rockwell)	110M	Bonding Strength	2,180psi
Compressive Strength (with grain)	50,000psi	Flexural Strength	57,000psi
Tensile Strength (with grain)	41,000psi	Impact Strength	10.0 ft-lb/in
Shear Strength (flatwise)	21,000psi	Volume Resistivity	5x10 <sup>6</sup>
Dielectric Strength (perpendicular)	550vpm	Arc Resistance	180 sec

Plate	Micarta Grade	NEMA Grade	Specification Number & Type	Construction Resin & Substrate	Serv. Mech.	Temp °C Elec	Color
	H-26671	G-11	MIL-I-24768/3-GEB	Epoxy/Glass	170	180	Natural
<b>Grade H-26671</b>		<b>36" x 72"</b>	<b>36" x 48"</b>	<b>48" x 48"</b>	<b>48" x 96"</b>	<b>48" x 108"</b>	
Nominal Thickness / ins		.031-4	.031-4	.031-4	.031-4	.031-4	