

Composite Laminate HC300



HC300 engineered composite material is designed to withstand the higher temperatures of RoHS compliant Lead-Free solder pallet applications.

Cost competitive pricing with our high volume manufacture is always available.

Manufactured in USA for fast delivery, NAFTA compliant, and not subject to the Euro exchange rate.

- High-density, Isotropic glass construction ensures dimensional stability at higher temperatures.
- Manufacturing Process and Materials Performances for today's challenging process needs.
- Low thermal absorption materials ease handling by leaving heat in the solder bath.
- Engineered resins offer better resistances to fluxes. HC300 has been tested with fluxes containing halides.
- Machined process finish provides tight tolerances (+/- 0.1mm).
- Exceptional dimensional stability and flatness.
- Excellent Machining characteristics.
- Quality, High Performance Smart materials.



	HC300
Color	Black
Sheet Size inches	48x96
Thickness (mm)	3, 5, 6, 8, 10, 12
Flatness tolerance over 12"	+/- 0.1mm
Tensile Strength 25°C in Psi D-638	16,000
Flexural Strength 25°C in PSI D-790	25,000
Specific Gravity ASTM D-192	1.98
Barcol Hardness	52
ESD Resistively Ohms/Square	1E5-1E10
Thermal conductivity W/m*K	0.2
Maximum Short term operating temperature °C	300