



** GLASTIC® is the registered trademark of

GLASTIC

PRODUCT CAPABILITIES:

- Sheet : 3mm, 4mm, 5mm, 6mm, 8mm, 10mm & 12mm
- Thickness Tolerance : $\pm 0.10\text{mm}$
- Size : 1 Mtr x 2 Mtr

ADVANTAGES:

- Withstand High Temperatures of RoHS Compliant Lead-Free Solder Pallet Application
- High-Density, Isotropic Glass Construction Ensures Dimensional Stability At High Temperatures. Reduces The Possibility Of Warping And Delamination
- Low Thermal Absorption Materials Ease Handling By Leaving Heat In The Solder Bath

PRODUCT COLORS:

- Black

APPLICATIONS INCLUDE:

- PCB Assembly Pallet

GENERAL PROPERTIES	ASTM or UL Test	GLASTIC® CLF Typical Values
PHYSICAL		
Specific Gravity (g/cm ³)	D792	1.9
Water Absorption, 24 hrs (%)	D570	< 0.20
MECHANICAL		
Tensile Strength @ 77°F / 25°C (psi)	D638	—
Tensile Modulus @ 77°F / 25°C (psi)	D638	—
Flexural Strength @ 77°F / 25°C (psi)	D790	55,000
Flexural Modulus @ 77°F / 25°C (psi)	D790	—
IZOD Notched Impact (ft-lb/in)	D256	19
Barcol Hardness	D2583	65
THERMAL		
Coeff. of Thermal Expansion (para.) K ⁻¹	D696	7.1×10^{-6}
Coeff. of Thermal Expansion (perp.) K ⁻¹	D696	20.5×10^{-6}
Glass Transition Temp T _g , DMA test (°F / °C)	D1356	401 / 205
Loss on Ignition (min. / max.)	UL746A	33 / 38
Flammability Rating	UL-94	HB
Max. Surface Operating Temp (°F / °C)	—	572 / 300
ELECTRICAL		
Surface Resistivity (ohms/sq)	D4496	$10^5 - 10^9$
Volume Resistivity (ohm-cm)	D4496	—

NOTE: The information contained here in is typical values intended for reference only. They should NOT be used as a basis for design specifications or quality control.