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**GLASTIC**

## PRODUCT CAPABILITIES:

- Sheet : 3mm, 4mm, 5mm, 6mm, 8mm, 10mm & 12mm
- Thickness Tolerance : ±0.10mm
- Size : 1 Mtr x 2 Mtr

## ADVANTAGES:

- Excellent Mechanical Properties At Elevated Temperatures
- Materials Are Dimensionally Stable And Retain Their Flatness Through Repeated Cycling In The PCB Assembly Process
- The Low Thermal Conductivity of The Material Ensures Optimal Thermal Distribution Across The PCB
- Very Good Chemical Resistance
- Optical Reflective

## PRODUCT COLORS:

- Light Grey

## APPLICATIONS INCLUDE:

- PCB Assembly Pallet

GENERAL PROPERTIES	ASTM or UL Test	GLASTIC® CBC-NBC Typical Values
<b>PHYSICAL</b>		
Specific Gravity (g/cm <sup>3</sup> )	D792	1.84
Water Absorption, 24 hrs (%)	D570	< 0.02
<b>MECHANICAL</b>		
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	2.8
IZOD Notched Impact (ft-lb/in)	D256	15
Barcol Hardness	D2583	77
<b>THERMAL</b>		
Coeff. of Thermal Expansion (para.) K <sup>-1</sup>	D696	7.1 x 10 <sup>-6</sup>
Coeff. of Thermal Expansion (perp.) K <sup>-1</sup>	D696	20.5 x 10 <sup>-6</sup>
Glass Transition Temp T <sub>g</sub> , DMA test (°F / °C)	D1356	345 / 174
Thermal Conductivity (BTU-in/ft <sup>2</sup> -hr-°F)	C177	2
Flammability Rating	UL-94	HB
Max. Surface Operating Temp (°F / °C)	–	572 / 300
<b>ELECTRICAL</b>		
Surface Resistivity (ohms/sq)	D4496	10 <sup>5</sup> - 10 <sup>9</sup>
Volume Resistivity (ohm-cm)	D4496	10 <sup>5</sup> - 10 <sup>9</sup>

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.