

ECP-Pro

Composite Material from EMC Global Technologies

This durable and cost effective composite is ESD safe,** has excellent machining characteristics, and its thermal properties will maximize the life of your pallets and fixtures.

Available in full sheets or pre-cut to your pallet size
Stock thicknesses from 3 to 8 mm
Manufactured with pride in the USA

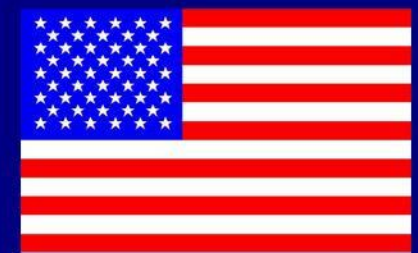
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ECP-Pro Technical Data

Stock Sheet Size	36" x 72"
Tolerance on Pre-Cut Pallet Blanks	+.125/-.000
Short Term Temperature Capacity	325°C
Long Term Temperature Capacity	240°C
Thermal Decomposition Temperature	>370°C
Color	Grey-green
Tensile Strength	14.9E+03 psi
Flex Strength	23.13E+03 psi
Flex Modulus	1.71E+06 psi
Glass Content	39.77 % wt
Glass Thickness	.28 inch
Specific Gravity	1.78 lbs/in³
Water Absorption	.21 %
Surface Resistivity (ohms/square inch)**	10⁵ - 10⁹
Average Coefficient of Thermal Expansion	
a) Perpendicular to layers	31 x 10⁻⁶
b) Parallel to layers	2 x 10⁻⁶
Thermal Conductivity	.28 W/m - K

**Note: Static dissipative materials have an electrical resistance between insulative and conductive materials (1×10^8 average ohms/sq surface resistivity and 1×10^7 average ohm-cm volume resistivity). There can be electron flow across or through the dissipative material, but it is controlled by the surface resistance or volume resistance of the material.