

H261 is an advanced composite that combines high temperature resistant and high strength characteristics with static dissipative properties for use as wave and reflow solder pallets. SDL Grade H261 may be used as dedicated or adjustable flow solder carriers as well as surface mount pallets. Listed below are the expected performance properties of this material. H261 is available in snaded thicknesses from 3, 5, 6, 8, 10 and 12mm and in sheet sizes 36" x 72" and 48" x 96". Standard color is Black.

<u>Property</u>	<u>Test Method</u>	<u>Value</u>
<i>Mechanical Properties</i>		
Flexural Strength LW @ 77°F, psi	D-790	27,087
Flexural Strength CW @ 77°F, psi	D-790	33,071
Flexural Strength LW @302°F, psi	D-790	6,053
Flexural Strength CW @302°F, psi	D-790	6,487
Flexural Modulus LW @ 77°F, ksi	D-790	1,513
Flexural Modulus CW @ 77°F, ksi	D-790	1,658
Flexural Modulus LW @302°F, ksi	D-790	589
Flexural Modulus CW @302°F, ksi	D-790	661
<i>Electrical Properties</i>		
Surface Resistivity, Ohm/square	D-257	10E5 to 10E9
<i>Physical Properties</i>		
Specific Gravity, g/cm ³	D-792	1.83
Water Absorption 24hr @ 77°F, %	D-651	0.16
Barcol Hardness	D-2583	48
<i>Thermal Properties</i>		
Linear Coefficient of Thermal Expansion, ppm/°F	VSM 77110	11.5
Thermal Conductivity, W/mK	E-1925-06	0.425
Specific Heat (J/kg °K)	E-1269-05	1,259

Unless otherwise indicated, all properties published are based on test performed on standard ASTM test samples and according to ASTM test methods. Values shown are for test samples made from production materials and they are believed to be conservative. No warranty is to be construed, however, in fabricated or molded form, parts may vary considerably from this standard test data. Where specific or unusual applications arise, test should be made on actual parts, and test procedures agreed upon between Haysite Reinforced Plastics and the customer.