

**METRIC**

PHYSICAL PROPERTIES	TYPICAL VALUES	TEST METHODS
Tensile Stress, psi (mpa)		
LW	30000 (206.90)	ASTM D-638
CW	7000 (48.28)	
Tensile Modulus, psi (mpa)		
LW	2500000 (17241.38)	ASTM D-638
CW	800000 (5517.24)	
Compressive Stress, psi (mpa)		
LW	30000 (206.90)	ASTM D-695
CW	15000 (103.45)	
Compressive Modulus, psi (mpa)		
LW	2500000 (17241.38)	ASTM D-695
CW	100000 (689.65)	
Flexural Stress, psi (mpa)		
LW	30000 (206.90)	ASTM D-790
CW	10000 (68.96)	
Flexural Modulus, psi (mpa)		
LW	1800000 (12413.79)	ASTM D-790
CW	800000 (5517.24)	
Modulus of Elasticity, psi (mpa)	2800000 (19.31)	Full Section
Shear Modulus, 106 psi (mpa)	450000 (3103.45)	
Short Beam Shear, psi (mpa)	4500 (31.03)	ASTM D-2344
Punch Shear, psi (mpa)	10000 (68.96)	ASTM D-732
Notched Izod Impact, ft-lbs/in (J/m)		
LW	25 (1350.00)	ASTM D-256
CW	4 (216.00)	
Barcol Hardness	45	ASTM D-2583
24 Hour Water Absorption, % max	0.45	ASTM D-570
Density, lbs./in.3 (cm3/kg)	.062-.070 (.0017- .0019)	ASTM D-792
Coefficient of Thermal Expansion, LW, 10-6 in/in/°C	8	ASTM D-696
Arc Resistance, LW, seconds	120	ASTM D-495
Dielectric Strength,		
LW, kv/in	35	ASTM D-149
PF, volts/mil (kv/mm)	200 (7.91)	ASTM D-149
Dielectric Constant, PF, @ 60hz	5	ASTM D-150
Tunnel Test	25 max.	ASTM E-84
Flammability	Nonburning	ASTM D-635

LW = Lengthwise, CW = Crosswise, PF = Perpendicular to Laminate Face

We cannot anticipate all conditions under which this information and our products, or the products of other manufacturers in combination with our products, may be used. We accept no responsibility for results obtained by the application of this information or the safety and suitability of our products, whether alone or in combination with other products. Users are advised to make their own tests to determine the safety and suitability of each such product or product combination for their own purposes. Unless otherwise agreed in writing, we sell the products without warranty, and buyers and users assume all responsibility and liability for loss or damage arising from the handling and use of our products, whether used alone or in combination with other products. For most recent technical information, phone in USA or in Canada.