



# PHYSICAL PROPERTIES

## Fiberglass Markers

<b>Mechanical Properties</b>	<b>ASTM</b>	<b>Units</b>	<b>Value</b>
Tensile Stress, LW	D-638	psi	<b>75,000</b>
Compressive Stress, LW	D-695	psi	<b>50,000</b>
Flexural Strength	D-790	psi	<b>60,000</b>
Flexural Modulus	D-790	-----	<b>3,300,000</b>
Specific Gravity	D-792	-----	<b>1.8</b>
Barcol Hardness	D-2583	-----	<b>45</b>
24 Hour Water Absorption	D-570	% max	<b>0.3</b>
Density	D-792	lbs./in.3	<b>0.07</b>
Coefficient of Thermal Expansion, LW	D-696	10 <sup>-6</sup> in/in/°C	<b>8</b>
Glass % (Reinforcement)		-----	<b>60%</b>