

**Physical Properties**

**Heavy Weights Physical Properties**



Physical Properties	Typical Values	ASTM Method
<b><u>IZOD Impact Strength</u></b>		
Notched at 73°F (22.777°C)		D-256
Notched at 32°F (0°C)		D-256
Notched at 0°F (<17.76>°C)		D-256
Unnotched at 73°F (22.755°C)		D-256
<b><u>Tensile Strength</u></b>		
To break	4,100 psi	D-638
Elongation before break		D-638
<b><u>Flexural Strength</u></b>		
Loan to stretch outer surface 5%	185,000 psi	D-790
<b><u>Specific Gravity</u></b>		
		D-792
<b><u>Rockwell Hardness</u></b>		
		D-785
<b><u>Deflection Temperature</u></b>		
Temperature at which material deflects .010" (.254mm) at 264 psi	167°F (75°C)	D-648
<b><u>Coefficient of Thermal Expansion</u></b>		
Inch/inch/°F	6.0 x 10 <sup>-5</sup>	D-696
<b><u>Vicat Softening Point</u></b>		
Temperature for needle to penetrate 1mm (90°F/hr, 2.2 lbs)	253.4°F (123°C)	D-1525

The flame/fire rating is UL94HB.  
Heavy Weights does not absorb water.

**NOTE:** The above information is given in good faith, but no warranty, express or implied, is given.