

# MAX HTE A/B

## PHYSICAL PROPERTIES

Density	1.10 G/CC
Mixed Color	Amber Liquid
Mixed Viscosity	3000-4000 CPS at 25 °C
Mix Ratio	28 to 30 Parts "B" to 100 Parts "A" By Weight Or 4:1 By Volume
Gel Time/Pot Life	3 Hours at 25 °C
Optimum Full Cure Time Schedule	3 Hours at 25 °C plus 3 Hours At 130 °C Or 3 Hours at 25 °C plus 2 Hours At 155 °C

## MECHANICAL PROPERTIES

Specimens were cured 3 Hours at 25 °C plus 2 Hours At 155 °C

Hardness	95 Shore Durometer D
Tee-Peel Strength (7781 fiberglass/fiberglass)	12 Pounds Per Inch Width
Tensile Strength	11.0 KSI At 25 °C
Tensile Modulus	372 KSI At 25 °C
Tensile Shear Strength	4200 PSI At 25 °C
Test method ASTM D2557	3300 PSI At 60 °C
	2900 PSI At 80 °C
	2200 PSI At 121 °C
Compressive Strength	15,000 PSI At 25 °C
Glass Transition Temperature	205 °C

**Chemical Resistance Test (120 days 77°F Immersion)**

**Specimens were cured 3 Hours at 25 °C plus 2 Hours At 155 °C**

**%Weight Change**

<b>Distilled Water</b>	<b>1.63</b>
<b>Acetone</b>	<b>6.86</b>
<b>Methanol</b>	<b>7.04</b>
<b>Ethanol</b>	<b>0.44</b>
<b>Toluene</b>	<b>0.27</b>
<b>25% Acetic Acid</b>	<b>12.95</b>
<b>30% Sulfuric Acid</b>	<b>1.81</b>
<b>10% Nitric Acid</b>	<b>3.73</b>
<b>10% Ammonium Hydroxide</b>	<b>1.68</b>
<b>10% Sodium Hydroxide</b>	<b>1.38</b>
<b>Motor Oil Soak</b>	<b>No Effect</b>
<b>Brake Fluid Soak</b>	<b>1.11</b>
<b>Gasoline</b>	<b>5.79</b>