

ADHESIVE



EP100 TDS

Description This is an unfilled, color-coded, fast setting clear epoxy that can be handled in 1 minute and cures to a full bond strength in one hour. It does not contain fillers, it has superior bonding characteristics, high chemical resistance and may be immersed in water for extended periods. EP100 is an excellent choice for all purpose repair because it bonds to a wide variety of materials, including wood, ceramics, metals, fiberglass, glass and china.

Physical Properties @ 22°C	Clear	
Color:		
Shore "D" Hardness ASTM D2240:	85	
Viscosity Resin:	10,500 cps	Mixed: 10,400 cps
Viscosity Hardener:	10,300 cps	
Density Resin:	8.30 wpg	Mixed: 8.45 wpg
Density Hardener:	8.60 wpg	
Specific Gravity, Resin::	0.996	Mixed: 1.01
Specific Gravity, Hardener:	1.032	
Tensile Strength:	2,500 psi	Operating Temp: -40°F to 200°F
Shelf Life:	1 Year	
Maximum Use Temperature:	250°F	

*Deflection temperature is the temperature when a 1/2" x 1/2" x 5" bar (suspended at both ends) deflects 0.010 of an inch under a 264 psi fiber stress. The maximum service temperature may be far above this value depending on the application and the stress on the plastic at the high temperature.

Mixing & Cure Instructions

Ratio Parts by Weight:	Parts Resin	1
	Parts Hardener	1
Ratio Parts By Volume	Parts Resin	1
	Parts Hardener	1

Pot Life 100 gram Mass, Room Temp.(72°F) 1 min.

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