



EA-602 EPOXY ADHESIVE SYSTEM

UNFILLED

PRODUCT BULLETIN



www.CASSpolymers.com
31200 Stephenson Hwy

800.344.7776
Madison Heights MI 48071

ADTECH@CASSpolymers.com
Ph 248.588.2270 Fax 248.588.5909

DESCRIPTION

EA-602 is a general purpose unfilled liquid epoxy adhesive specially formulated for bonding metals, ceramics, hard rubber, wood and thermosetting plastics. A long pot (working) life gives the user time to do large areas or positioning of many parts to be bonded. **Typical Applications: Adhesive and sealant requiring a high strength bond – chemical resistant coating/encapsulate.**

HANDLING CHARACTERISTICS @ 25°C/77°F

Mix Ratio (parts by volume).....	100R/100H
For a more rigid bond & higher temperature resistance.....	100R/50H
For a flexible bond for better resistance to low temperatures and thermal shock.....	50R/100H
Viscosity	10,000 cps
Mixed Density.....	1.04 g/cc
Working Life	150-180 minutes
Cure to Handling Strength.....	12-16 hours
*Complete Cure at Ambient Temperatures.....	2-7 days
Shelf Life of Resin and Hardener (in original unopened containers)	2 years

*Note: Films and Coatings can be oven heated to accelerated cure.

PROPERTIES

Flexural Strength.....	10,600 psi
Tensile Strength.....	4,500 psi
Heat Deflection Temperature @ 264 psi (varies with R/H mix ratio used)	51°C/124°F
Shore Hardness (varies with R/H mix ratio used).....	80 Shore D
Color.....	Light Amber

Revised 6/4/10
Supersedes 5/20/10

Seller cannot anticipate all conditions under which seller's products, or the products of other manufacturers in combination with seller's products, may be used. Seller accepts no responsibility for results obtained by the application of seller's products or the safety and suitability of seller's products, either alone or in combination with other products. Users are advised to make their own test to determine the safety and suitability of each such product or product combination for their own purposes. Unless otherwise agreed in writing, seller delivers the products without warranty of any nature, stated or implied, and buyers and users assume all responsibility and liability for loss or damage arising from the handling and use of said products, whether used alone or in combination with other products. Purchaser waives any claim against seller for direct, indirect, consequential or exemplary damages against seller, including without limitation, damage which may incur as a result of purchaser's use or misuse of the product or the products failure to conform to any particular specifications.