



EA-605 EPOXY ADHESIVE

QUICK SET
GREY

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-605 is a two component epoxy compound with excellent handling and quick curing characteristics. The white resin and black hardener, when mixed together, give a uniform gray color and positive mix indicator when no streaks of white or black are observed. The short pot life allows for early handling strength and qualifies the material for many production applications. **All general repair and bonding applications which require a paste adhesive with fast cure characteristics.**

HANDLING CHARACTERISTICS @ 25°C/77°F

Mix Ratio (by weight or volume)	100R/100H
Density (mixed)	13.15 lbs/gal
.....	1.58 gm/cc
Viscosity	Thixotropic Paste
Working Life	8-12 minutes
Cure (handling strength)	3-4 hours
Color	Grey
Shelf Life of Resin (in original unopened container).....	2 years
Shelf Life of Hardener (in original unopened container).....	1 year

PHYSICAL PROPERTIES

Ultimate Tensile Strength (ASTM D-3039.93)	2,060 psi
Tensile Elongation (ASTM D-3039.93)	0.26%
Tensile Modulus (ASTM D-3039.93).....	262,800 psi
Ultimate Flexural Strength (ASTM D-790.92)	4,122 psi
Flexural Modulus (ASTM D-790.92).....	378,900 psi
Compressive Modulus (ASTM-D695-91)	159,300 psi
Ultimate Compressive Strength (ASTM D-695.91)	6,260 psi
Heat Deflection Temperature @ 66 psi (ASTM D-648.82)	44°C/111°F
Heat Deflection Temperature @ 264 psi (ASTM D-648.82).....	39°C/103°F
Hardness	80 Shore D
Tensile Shear Strength (aluminum/aluminum)	2,875 psi

EA-605 Tech/Revised 5/20/10
Supersedes 6/29/06

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.