

# Product Bulletin

# CASS POLYMERS

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EA-608  
EPOXY ADHESIVE  
MEDIUM SET

REV: 0302

## **DESCRIPTION:**

EA-608 is a two-component liquid adhesive with excellent wetting characteristics. The blue resin and yellow hardener, when mixed together, give a uniform translucent green color and provides a positive mix indicator. EA-608 will cure at temperatures as low as 0°F. It exhibits an easy 1 to 1 mix ratio with a working life of 15-20 minutes at 77°F (25°C) and sets to handling strength in less than one hour. EA-608 is a longer work life version of EA-604 Fast Cure Adhesive.

## **USES:**

All types of general repair and bonding applications using a liquid adhesive. Easy fast repair of similar and dissimilar materials.

## **HANDLING CHARACTERISTICS (@ 25°C/77°F):**

Mix Ratio (PBW OR PBV) .....	1R:1H
Work Life (4oz. Mass) .....	15-20 minutes
Viscosity Resin .....	10,000 - 15,000 cps
Hardener .....	12,000 - 18,000 cps
Handling Strength .....	40-50 minutes
Cure Time .....	2-3 hours

## **PHYSICAL PROPERTIES**

Ultimate Tensile Strength (ASTM D-3039.93) .....	2,410 psi
Tensile Elongation (ASTM D-3039.93) .....	11.18%
Tensile Modulus (ASTM D-3039.93) .....	237,400 psi
Ultimate Flexural Strength (ASTM D-790.92) .....	4,852 psi
Flexural Modulus (ASTM D-790.92) .....	166,800 psi
Ultimate Compressive Strength (ASTM D-695.91) .....	8,090 psi
Coefficient of Thermal Expansion (ASTM-696.91) .....	45.40x10 <sup>6</sup> in/in°F
Heat Deflection Temperature (ASTM D-648.82) .....	(@ 66 psi) 35°C/95°F
.....	(@264 psi) 31°C/89°F
Moisture Absorption (ASTM D-570.88) .....	0.07%
Lap Shear Strength (Aluminum/Aluminum) .....	5,916 psi
Hardness .....	78-80 Shore D

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