

Product Bulletin

CASS POLYMERS

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EA-605-R
EPOXY ADHESIVE

0302

DESCRIPTION:

EA-605-R is a two-component fiber-filled epoxy adhesive with good handling and an easy 1 to 1 mix ratio. The white resin and black hardener, when mixed together, give a uniform gray color and positive mix indication when no streaks of black or white are observed.

USES:

All general repair and bonding applications requiring a paste adhesive.

HANDLING CHARACTERISTICS (@ 25°C/77°F)

Mix Ratio (Parts by Weight)	1R/1H
Density (Mixed)	12 lb/gal
Mixed Viscosity	Thixotropic Paste
Work Life	40-60 minutes
Cure Time	4-5 hours
Color Resin - White Hardener - Black	Mixed - Gray

PHYSICAL PROPERTIES

Ultimate Tensile Strength (ASTM D-3039.93)	3,060 psi
Tensile Elongation (ASTM D-3039.93)	0.83%
Tensile Modulus (ASTM D-3039.93)	316,900 psi
Ultimate Flexural Strength (ASTM D-790.92)	4,120 psi
Flexural Modulus (ASTM D-790.92)	378,900 psi
Ultimate Compressive Strength (ASTM D-695.91)	5,570 psi
Heat Deflection Temperature (ASTM D-648.82)	(@ 66 psi) 47°C/116°F
.....	(@ 264 psi) 42°C/108°F
Hardness	80-85 Shore D
Lap Shear Strength (Aluminum/Aluminum)	3,112 psi
Storage Life (In tightly closed container at ambient temperature)	One Year

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