



ADHESIVES & COATINGS
High Performance Compounds For Industry

ETH-003 Epoxy Resin

High Viscosity Anti Pinhole Resin

Description:

ETH-003 is a clear, thixotropic epoxy resin based on Bisphenol A. ETH-003 is characterized by excellent anti-pinholing properties and is used in many applications to compensate for poor fitting or uneven urethane foam cores in compression molding.. When used with amine hardeners, such as ECA-032, ECA-313, ECA-315 or ECA-312 excellent physical properties, ESPECIALLY high compressive strength are obtained. In molding applications where dry areas are produced in regular production runs, this system can alleviate the problem - because it will remain in the required area without being squeezed out (due to it's thixotropic nature.).

Advantages:

- Very Thixotropic
- High reactivity.
- Excellent Adhesion Properties.

Physical Properties:

Viscosity (@77°F)	16,000- 18,000
Density (lbs./gallon)	9.7
Color	Clear
Weight per Epoxide	182-192
Flash Point (Closed Cup)	490°F

Recommendations:

Mixing:	Mix resin and hardener for a minimum of one minute. Scrape container sides and corners.
Safety:	Use proper eye protection and avoid skin contact. Read MSDS before use.
Cure Temperature:	Best results are achieved when cured at temperatures of 150-180 °F Use a QCM high temperature hardener above 180 °F.
Cure Time:	Dependent of hardener selection and curing temperature. Consult QCM technical personnel.

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Recommendations for the use of this product are based on tests believed to be reliable. However, since the use of this product is beyond our control, no guarantee or warranty of any kind express or implied is made with respect to information presented and QCM Co. assumes no responsibility for the results of the use of this product and processes described.

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