

EHV-0050 Epoxy Resin

Laminating Epoxy Resin

Description:

EHV-0050 is a high viscosity, clear, high strength, and epoxy resin designed for compression molding applications. EHV-0050 with its high reactivity and high strength properties make it your best choice for manufacturing high performance composite sporting goods. Snowboards, skis and paddles are some of composite sporting goods made with EHV-0050. Excellent low temperature, flexural, impact and adhesion properties are achieved when using EHV-0050 with a QCM recommended amine hardener. EHV-0050 is formulated to control crystallization unlike many standard resins.

Advantages:

- Excellent low temperature resistance.
- High reactivity.
- Excellent adhesion to various substrates.

Physical Properties:

Viscosity (@77°F)	12,000- 14,000
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.

Quality Controlled Manufacturers of INKS, COATINGS, ADHESIVES, & MOLDING VINYLs and EPOXIES
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.