

ELV-0025 Epoxy Resin

Very Low Viscosity Epoxy Resin

Description:

ELV-0025 is a very low viscosity, clear epoxy resin designed for resin infusion and vacuum bagging applications. ELV-0025 was designed to improve the wet layup process but maintain good reactivity and high strength properties not typical in a low viscosity resins. ELV-0025 can be mixed with higher viscosity resins to achieve a desired viscosity. ELV-0025 low viscosity allows it to be used in the resin infusion process. Longer pot life and cure times will be seen compared with medium and high viscosity epoxy resins.

Advantages:

- Low viscosity epoxy.
- Speeds and improves wet lay up process.
- Excellent adhesion to various substrates.

Physical Properties:

Viscosity (@77°F)	200- 300
Density (lbs./gallon)	9.4
Color	Clear
Weight per Epoxide	185-191
Flash Point (Closed Cup)	265°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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