

EMV-0043 Epoxy Resin

Medium Viscosity Epoxy Resin

Description:

EMV-0043 is a medium viscosity, clear and high strength epoxy resin designed for compression molding applications. EMV-0043 was designed to improve the wet layup process but maintain high reactivity and high strength properties not typical in a medium viscosity resin. EMV-0043 is a top best choice for manufacturing high performance composite sporting goods. Snowboards, skis and paddles are some of the composite sporting goods made with EMV-0043. Excellent low temperature, flexural, impact and adhesion properties are achieved when using EMV-0043 with a QCM recommended amine hardener.

Advantages:

- Medium viscosity epoxy.
- Speeds and improves wet lay up process.

Physical Properties:

Viscosity (@77°F)	7,000- 9,000
Density (lbs./gallon)	9.7
Color	Clear
Weight per Epoxide	182-196
Flash Point (Closed Cup)	390°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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