



EPOXY MEDIUM VISCOSITY

EMV-0043

Epoxy Medium Viscosity 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.

Properties:

| | |
|---|-------------|
| Viscosity (cP) Brookfield at 75°F | 7,000-9,000 |
| Color | Clear |
| Weight per Epoxide | 182-196 |
| Density (lb/gl) | 9.7 |
| Flash Point Closed Cup | 390°F |

Mixing:

Mix resin and hardener for a minimum of one minute. Scrape container sides and corners.

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.

Safety:

Use proper eye protection and avoid skin contact. See Material Safety Data Sheet (MSDS) for other safety information.

Disclaimer:

Recommendations for 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 expressed or implied is made with respect to information presented and QCM Company assumes no responsibility for the results of this product and process described.