

L-542

Woven Fiberglass Vinyl Ester Prepreg



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Product Data Sheet

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Description

L-542 is a 275°F (135°C) curing vinyl ester prepreg with excellent laminating properties. L-542 is available on 7781 style glass fabric or other styles of fabric as requested. L-542 is intended to be used as a single ply or multiple ply laminate for the manufacture of high quality plastic detail parts.

Advantages of L-542

- ❖ L-542 allows the designer to create parts with excellent dimensional stability while maintaining excellent electrical and mechanical properties.
- ❖ Processing of L-542 can be easily adapted to most heated presses or autoclaves.
- ❖ L-542 is also an excellent laminating prepreg when heat resistance is a requirement.
- ❖ FR Option: A flame retardant can be added to L-542 to enhance its flame resistance called L-542FR.

Physical Properties on 7781 Glass Fabric

- *Standard Weight:* 0.098 lbs/ft² (479 g/m²)
- *Standard Resin Content:* 38% by weight
- *Volatile Content:* 2-6%
- *Standard Tack:* Medium to High
- *Cured Ply Thickness:* 0.010" (0.254 mm)
- *Other Weights, Resin Contents, and Fabrics are Available.*

Availability

- *Up to 60" width in rolls up to 100 yards long (152 cm x 91 m)*

Shelf Life

- *90 days at 40°F (4°C) or below, 150 days at 0°F (-18°C)*
- *7 days at Room Temperature (70°F or 21°C)*

Cure Cycle

- *60 minutes at 275°F (135°C). Adjust pressure as needed.*

NOTICE:

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