

L-692SA

Heat-Resistant Polymer-Ceramic Prepreg



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Product Data Sheet

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Description

L-692SA is a heat-resistant polymer prepreg that converts to a ceramic material when thermally activated. It is designed for use as an erosion-resistant and heat-resistant laminate for service temperatures up to 700°F (371°C). Though available on other fabrics, L-692SA is generally supplied on style 6781 woven S-glass.

Advantages of L-692SA

- ❖ L-692SA provides excellent heat resistance and erosion resistance for composite components manufactured for aerospace and other high-performance applications.

Physical Properties on 6781 Glass Fabric

- *Standard Weight:* 0.100 lbs/ft² (488 g/m²)
- *Standard Resin Solids:* 39% by weight
- *Standard Tack:* Low Tack
- *Cured Ply Thickness:* 0.011" (0.28 mm)
- *Other Weights, Resin Contents, and Fabrics are Available*

Availability

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

Shelf Life

- *12 months at 10°F (-12°C) or below*
- *9 weeks at Room Temperature (70°F or 21°C)*

Preferred Cure Cycle

- *120 minutes at 375°F (191°C) plus post cure at the temperature required for intended use.*

Applications

- *High-temperature resistant aircraft components*
- *Aircraft engine insulation*
- *General high-temperature insulation*

NOTICE:

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