

L-729

Solution Coated Epoxy Prepreg



851 W. 18th Street
Costa Mesa, CA 92627
(949) 650-8106 Fax:(949) 631-6190
www.jdlincoln.com

Product Data Sheet

Revised: 4/13/09

Description

L-729 is a solution coated epoxy prepreg with superior mechanical properties. It is a versatile “general purpose” product. L-729 is available on fiberglass fabrics such as 281 and 285 styles of aramid fabric or other styles as requested.

Advantages of L-729

- ❖ Both flexural and compressive strength are outstanding with L-729. This system provides the advantages of solution coating (as opposed to hot melt) and is used in various commercial applications.

Physical Properties on 285 Aramid Fabric

- *Standard Weight:* 0.070 lbs/ft² (342 g/m²)
- *Standard Resin Content:* 50% by weight
- *Volatile Content:* 5% maximum
- *Standard Tack:* Medium
- *Cured Ply Thickness:* 0.010” (0.254 mm)

Availability

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

Shelf Life

- *6 months at 40°F (4°C) or below*
- *7 days at Room Temperature (70°F or 21°C)*

Cure Cycle

- 60 minutes at 250-275°F (121-135°C)

Typical Mechanical Properties

- *Tensile Strength:* 57 KSI (393 MPa)
- *Tensile Modulus:* 3.3 MSI (23 GPa)
- *Flexural Strength:* 53 KSI (366 MPa)
- *Flexural Modulus:* 3.2 MSI (22 GPa)
- *Compression Strength:* 20 KSI (138 MPa)
- *Compression Modulus:* 3.2 MSI (22 GPa)

NOTICE:

Product data and parameters cited in this publication have been obtained in J.D. Lincoln, Inc. laboratories using the materials under carefully controlled conditions. The information, therefore, is believed to be accurate and correctly stated. Data of this type may be considered to be indicative of representative properties obtainable. J.D. Lincoln, Inc. cannot accept responsibility for the misapplication of these products, nor for their use under uncontrolled conditions. Numerical values resulting from the application of this material are dependant on processing details. It is recommended that the user develop his or her own application techniques and generate data consistent with his or her specific application and process.