

L-306-2

Core Edge Filler, One-component



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Product Data Sheet

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Description

L-306-2 is a lightweight, thermosetting paste adhesive core filler. L-306-2 is easily applied with trowl or spatula into honeycomb core for creating structural hard points or subsequent mechanical attachments. L-306-2 is a low sag, 250°F (121°C) curing system yielding high local compressive strength with excellent adhesion to both sandwich facing and core.

Advantages of L-306-2

- ❖ L-306-2 exhibits extremely high local compressive strengths.
- ❖ L-306-2 co-cures with various resin systems to allow the user to create attachment points in sandwich panels without secondary potting.

Physical Properties

- *One Component*
- *Color: Cream*
- *Density: 90 lbs/ft³ (1.44 g/mL)*
- *Form: Heavy Paste*

Availability

- *5 Gallon Containers (18.9 L)*

Shelf Life

- *6 months at 40°F (4°C)*
- *4 days at Room Temperature (454 gram mass)*
- *Caution – avoid masses of over 1 pound (454 grams) at Room Temperature.*

Cure Cycle

- *1 Hour at 250-260°F (121°C–127°C)*

Average Mechanical Properties

Compressive Strength (ASTM D 695)

- RT (75°F or 23°C) 19,500 PSI (134 MPa)

Overlap Tensile Strength (ASTM D1002)

- RT (75°F or 23°C) 2800 PSI (19.3 MPa)
- 160°F (71°C) 2900 PSI (20.0 MPa)

CAUTION: Care should be taken with batches over one pound total weight. Large batches or those which are applied in excess of this amount may become exothermic during cure (i.e., VERY HOT). The user is encouraged to develop standard application quantities.

NOTICE:

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