

# Epocast 1661

Epoxy; Epoxide

Huntsman Advanced Materials

## Message:

DESCRIPTION: Epocast® 1661 epoxy syntactic is a frozen, one-component compound supplied in patty form. After thawing, the patty can be placed onto honeycomb for vacuum bag application. Epocast® 1661 epoxy syntactic may be used for fastener potting, panel edge filling and honeycomb reinforcing.

General Information			
Uses	Aerospace applications		
	Fasteners		
	Fill application		
Appearance	White-like		
Processing Method	potting		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.600	g/cm <sup>3</sup>	ASTM D1622
Viscosity	Paste		
flammability-Horizontal	Self-extinguishing		
Work Life - 100 gms (25°C)	8.0	hr	ASTM D1338
Mechanical	Nominal Value	Unit	Test Method
Compressive Strength	ASTM D695		
177°C	27.6	MPa	ASTM D695
25°C	62.1	MPa	ASTM D695
Additional Information	Nominal Value	Unit	Test Method

CURE SCHEDULE: Heat the material from room temperature to 350°F (177°C) at the rate of 5-7°F (3-4°C) per minute, plus 1 hour at 350°F (177°C) or 90 minutes at 260°F (127°C). (Slow heat rise of 5-7°F (3-4°C) is preferred to reduce shrinkage and eliminate excess gassing during cure).

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## Recommended distributors for this material

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