

Advanced Materials**Epocast[®] 1626-A/B****EPOXY SYNTACTIC**

- Toughened Foam
- Impact Resistant
- Vibration Resistant

DESCRIPTION :

Epocast[®] 1626-A/B epoxy syntactic is a two-part compound designed for core filling, edge sealing, and bushing and fastener potting of honeycomb structures. The easy-to-handle viscous paste has low flow characteristics. Epocast[®] 1626-A/B epoxy syntactic is a toughened system which resists cracking and is especially well suited for applications that may involve exposure to high vibration and wide temperature cycling. Epocast[®] 1626-A/B epoxy syntactic has good retention of strength after environmental aging and is qualified to BMS 5-28, Type 26.

TYPICAL PROPERTIES AS RECEIVED :

Property	1626-A Resin	1626-B Hardener	1626-A/B System	Test Method
Color	Brown	Off-white	Brown	Visual
Density, g/cc	0.50	1.10	0.65	ASTM-D-1622
Viscosity, cP, non-flow at 77°F (25°C)	Paste	Paste	Paste	ASTM-D-2196
Gel time, 50 gms at 77°F (25°C), minutes	--	--	60	ASTM-D-2471

MIX RATIO :

To 100 parts by weight of Epocast[®] 1626-A resin, add 29 parts by weight of Epocast[®] 1626-B hardener. Mix both components thoroughly for several minutes to assure complete blending.

CURE SCHEDULE :

7 days at 77°F (25°C) or 24 hours at 77°F (25°C), plus 2 hours at 160°F (71°C).

TYPICAL CURED PROPERTIES (Not for specification purposes)

Test	Result	Test Method
Tensile lap shear 77°F (25°C), AL/AL, psi (MPa)	700 (4.8)	ASTM-D-1002
T-peel, AL/AL/, pli (N/mm)	16 (2.8)	ASTM-D-1876
Izod impact, notched, ft.-lb./in. (J/m)	0.52 (27.7)	ASTM-D-256
Durometer hardness, Shore D	48	ASTM-D-2240
Tensile strength, psi (MPa)	600 (4.1)	ASTM-D-638
Elongation, %	25	ASTM-D-638

STORAGE:

Epocast[®] 1626-A/B should be stored in a dry place, in the sealed original container, at temperatures between +2°C and +40°C (+35.6°F and 104°F). The product should not be exposed to direct sunlight. Under these storage conditions, and when supplied under Huntsman standard certification, this product has a shelf life of 6 months (expiration date may differ based on customer specification).

Material temperatures should be above 18°C (65°F) when mixing. After use, tightly reseal containers.

PRECAUTIONARY STATEMENT

Huntsman Advanced Materials Americas LLC maintains up-to-date Material Safety Data Sheets (MSDS) on all of its products. These sheets contain pertinent information that you may need to protect your employees and customers against any known health or safety hazards associated with our products. Users should review the latest MSDS to determine possible health hazards and appropriate precautions to implement prior to using this material.

First Aid!

Refer to MSDS as mentioned above.

KEEP OUT OF REACH OF CHILDREN**FOR PROFESSIONAL AND INDUSTRIAL USE ONLY**

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