

Advanced Materials**Epibond® 156-1 A/B Epoxy Paste****Technical Data Sheet**

- Room temperature cure
- Smooth surface finish
- Good adhesion properties

DESCRIPTION:

Epibond® 156-1 A/B epoxy paste is an off-white, two-component surface filler developed primarily for application over porous polymeric, wood or metal surfaces. Epibond® 156-1 A/B epoxy paste has good adhesion, low shrinkage, and can be easily applied with a spatula, splining tools or polyethylene squeegees. This surface filler is ideal as a “wipe-on” paste for filling imperfections on the surface of laminated composite structures such as radomes, edge joints, surfaces or polystyrene foam.

TYPICAL PROPERTIES (as supplied)

	Epibond® 156-1 A Resin	Epibond® 156 B Hardener	Epibond® 156-1 A/B Mixed	Test Method
Color	Off-White	Amber	Off-White	Visual
Density, g/cc.	1.45	0.95	1.40	ASTM-D-792
Viscosity, cP at 77°F (25°C)	350,000	5-9	Soft-Paste	ASTM-D-2196
Gel time, 100 gms at 77°F (25°C), minutes	-	-	20 - 50	ASTM-D-2471

MIX RATIO: To 100 parts by weight of Epibond® 156-1 A resin, add 9.5 parts by weight of Epibond® 156-B hardener.

CURE SCHEDULE: Three days at 77°F (25°C) or gel at room temperature plus two hours at 77°F (25°C), plus one to three hours at 150°F (66°C).

TYPICAL CURED PROPERTIES (Not for specification purposes)

<u>Test Item</u>	<u>Results</u>	<u>Test Method</u>
Tensile lap shear, Al / Al, psi (MPa)	2,650 (18.3)	ASTM-D-1002
	2510 (17.3)	
Durometer hardness, Shore D at 77°F (25°C)	85	ASTM-D-2240
Compressive strength at 77°F (25°C), psi (MPa)	16,000 (110.3)	ASTM-D-695

STORAGE:

When stored in a dry place in their original sealed containers at temperatures between +2°C and +40°C (+35.6°F and 104°F) Epibond® 156-1 A Resin and Epibond® 156 B Hardener have a shelf life of one year (Huntsman standard certification. Expiration date may differ based on customer specification). Do not expose to direct sunlight.

Material temperature should be above 18°C (65°F) prior to mixing. Tightly reseal containers after use..

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

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