

Epibond[®] 1534 A/B Adhesive

Product Description

Epibond[®] 1534 A/B epoxy adhesive is a two-part system developed specifically for bonding fiberglass reinforced plastics, metals and a variety of other materials. This adhesive is qualified to BMS 5-126, Type 2, Class 1. Epibond[®] 1534 A/B epoxy adhesive retains good properties in the presence of distilled water, salt water, JP-4, hydraulic fluids, etc.

Features

- Long Work Life
- High Strength
- Qualified to BMS 5-126

Typical Properties*

Property	Test Method	1534 A Resin	1534 B Hardener	Mixed System
Appearance	Visual	Amber	Amber	Amber
Density at 25°C, g/cm ³	ASTM D792	1.13	0.97	1.05
Viscosity at 25°C, cP	ASTM D2196	1,100	2,000	2,000

*Properties are based on Huntsman test methods. Copies are available upon request.

Processing

Mix Ratio

Product	Parts by weight
Epibond [®] 1534 A Resin	100
Epibond [®] 1534 B Hardener	100

Material temperatures should be above 18°C (65°F) when mixing. Mix both components thoroughly to insure adequate mixing.

Processing Data

Parameter	Value
Work life, 100 g at 25°C, hours	2
Typical cure cycles	3 days at 25°C, or
	Gel at RT + 20 -30 min at 121°C

Typical Physical Properties

Unless otherwise stated, the data were determined with typical production batches using standard test methods. They are typical values only, and do not constitute a product specification.

Property	Test Method	Value
Tensile lap shear, Al-Al, psi (MPa)	ASTM D1002	
at -55°C		3,150 (21.7)
at 25°C		3,000 (20.7)
at 83°C	575 (3.9)	
After seven days at 25°C, psi (MPa)	ASTM D543	
JP-4 fuel immersion		2,300 (15.8)
TT-S-735 Type III test fluid		2,500 (17.2)
Distilled water		1,600 (11)

Storage

Epibond® 1534 A/B should be stored in a dry place in the original sealed containers at temperatures between 2°C and 40°C (36°F and 104°F). After use, tightly reseal containers. Under these storage conditions, and when supplied under Huntsman standard certification, the product has a shelf life of **2 years** (from date of shipment). The product should not be exposed to direct sunlight.

Precautionary Statement

Huntsman Advanced Materials Americas LLC maintains up-to-date Safety Data Sheets (SDS) 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 SDS as mentioned above.

KEEP OUT OF REACH OF CHILDREN

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Main Offices:

Huntsman Corporation
10003 Woodloch Forest Dr
The Woodlands, TX 77380
888-564-9318

Huntsman Advanced Technology Center
8600 Gosling Rd.
The Woodlands, TX 77381
281-719-7400