

EPALLOY® 8350 High-Viscosity Epoxy Phenol Novolac Resin

Product Description

EPALLOY® 8350 resin is a 3.6 functional epoxy phenol novolac resin exhibiting slightly higher viscosity than EPALLOY® 8330 resin. This version incorporates slightly higher advancement as measured by EEW and hydroxyl content.

EPALLOY® 8350 resin combines low hydrolyzable chlorides with good reactivity. It is non-crystallizing and compatible with all standard curing agents and most resin systems and solvents. Because of its high functionality, EPALLOY® 8350 resin is excellent for use in hot melt prepreg, filament winding, and circuit board applications where high-temperature performance is required.

Applications

- High-temperature encapsulants/adhesives
- Conductive adhesives
- Prepregs and composites
- Chemical-resistant coatings
- Filament winding

Typical Properties

Property	EPALLOY® 8350
Viscosity at 52°C, cps	30,000 – 50,000
Epoxide Equivalent Weight, g/eq	175 – 184
Gardner Color, max	3
Residual Epichlorohydrin, max ppm	10
Hydrolyzable Chloride, max %	0.10
Weight per Gallon at 25°C, lb.	10 ± 0.1
Flash Point, COC, °C (°F)	>250 (>482)

Storage

EPALLOY® 8350 resin should be stored in a dry place, in the sealed original containers, at temperatures between +2°C and +40°C (+35.6°F and +104°F). Under these storage conditions, the products have a shelf life of **24 months** (from date of manufacture). The products 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 SDS 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

FOR PROFESSIONAL AND INDUSTRIAL USE ONLY

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Customer Support Center:

Huntsman Corporation
10003 Woodloch Forest Dr
The Woodlands, TX 77380
Tel: +1 (888) 564-9318
Fax: +1 (281) 719-6416
www.huntsman.com