EPALLOY® 8330 Epoxy Phenol Novolac Resin

Product Description

EPALLOY® 8330 resin is a 3.6 functional epoxy phenol novolac resin. EPALLOY® 8330 resin combines low hydrolyzable chloride content with good reactivity. It is non-crystallizing and compatible with all standard curing agents and most resin systems and solvents. EPALLOY® 8330 resin is excellent for use in hot melt prepreg, filament winding, and circuit board applications where high performance is required.

Applications

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

Typical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>EPALLOY® 8330</th>
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</thead>
<tbody>
<tr>
<td>Viscosity at 52°C, cP</td>
<td>20,000 – 30,000</td>
</tr>
<tr>
<td>Epoxide Equivalent Weight, g/eq</td>
<td>171 – 183</td>
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<tr>
<td>Gardner Color, max</td>
<td>3</td>
</tr>
<tr>
<td>Residual Epichlorohydrin, max ppm</td>
<td>10</td>
</tr>
<tr>
<td>Hydrolyzable Chloride, max %</td>
<td>0.10</td>
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<tr>
<td>Weight per Gallon at 25°C, lb.</td>
<td>10 ± 0.1</td>
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<tr>
<td>Flash Point, COC, °C (°F)</td>
<td>&gt;250 (&gt;482)</td>
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</tbody>
</table>
Storage

**EPALLOY® 8330** 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**

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