Araldite® DY-J Diluent

Product Description

Araldite® DY-J Diluent is an alkyl glycidyl ether where the alkyl groups are predominantly C8 and C10. Araldite® DY-J reactive diluent exhibits a low volatility and it is advantageous primarily as an additive to reduce the viscosity of epoxy resins.

Applications

- Casting
- Coatings
- Filament winding
- Floorings
- Laminating
- Electrical and Tooling

Features

- Very effective viscosity reducer
- Low volatility
- Reduces surface tension and improves wetability

Typical Properties*

<table>
<thead>
<tr>
<th>Property</th>
<th>Araldite® DY-J</th>
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</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Clear, no contamination</td>
</tr>
<tr>
<td>Color, Gardner, max</td>
<td>1</td>
</tr>
<tr>
<td>Epoxy value, eq/kg</td>
<td>4.0 - 4.3</td>
</tr>
<tr>
<td>Epoxy equivalent, g/eq</td>
<td>220 - 250</td>
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<tr>
<td>Viscosity at 25°C, cP</td>
<td>15</td>
</tr>
<tr>
<td>Density at 25°C, g/cm³</td>
<td>0.91</td>
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<tr>
<td>Flash point, closed cup, °C</td>
<td>200</td>
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</tbody>
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*Properties are based on Huntsman test methods. Copies are available upon request.
Figure 1. The effect of Araldite® GY 6010 epoxy (11,000 - 14,000 cP) and Araldite® GY 6020 epoxy (16,000 - 20,000 cP) modified with Araldite® DYJ reactive diluent.

Storage

Araldite® DY-J Diluent 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). Under these storage conditions, the product has a shelf life of 5 years (from date of manufacture). 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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