Araldite® DY-N Diluent

Product Description

Araldite® DY-N is a colorless clear aliphatic diglycidyl ether used primarily as an additive to reduce the viscosity of liquid epoxy resins. The relatively long alkyl chain structure of Araldite® DY-N coupled with the polar epoxy group result in efficient viscosity reduction and reduced surface tension. Araldite® DY-N modified epoxy resins exhibit good wetting and leveling properties at low diluent concentrations.

Applications

- Casting
- Coatings
- Filament winding
- Floorings
- Laminating
- Potting
- Tooling

Features

- Good flow
- Good wetting
- Low surface tension
- Good leveling

Typical Properties*

<table>
<thead>
<tr>
<th>Property</th>
<th>Araldite® DY-N</th>
</tr>
</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 equivalent, g/eq</td>
<td>125 - 145</td>
</tr>
<tr>
<td>Viscosity at 25°C, cP</td>
<td>10 - 18</td>
</tr>
<tr>
<td>Density at 25°C, g/cm³</td>
<td>1.05</td>
</tr>
<tr>
<td>Moisture content</td>
<td>0.2% max</td>
</tr>
<tr>
<td>Hydrolyzable Chlorides</td>
<td>0.2% max</td>
</tr>
</tbody>
</table>

*Properties are based on Huntsman test methods. Copies are available upon request
Advanced Materials
Technical Datasheet

Figure 1. Viscosity reduction curves of Araldite® GY 6010 diluted with reactive diluents 5-30% by weight

Storage

Araldite® DY-N Diluent is supplied in 450 pound steel drums. It 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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