

## Advanced Materials

# Araldite® DY-J

Reactive Diluent for Epoxy Resins

## Araldite® DY-J Reactive Diluent

### Key properties

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

### Description

Araldite® DY-J reactive diluent is an alkyl glycidyl ether where the alkyl groups are predominantly C<sub>8</sub> and C<sub>10</sub>. Araldite® DY-J reactive diluent exhibits a low volatility and it is advantageous primarily as an additive to reduce the viscosity of epoxy resins.

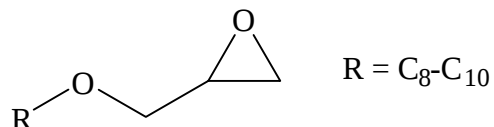
### Applications

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

### Product data\*

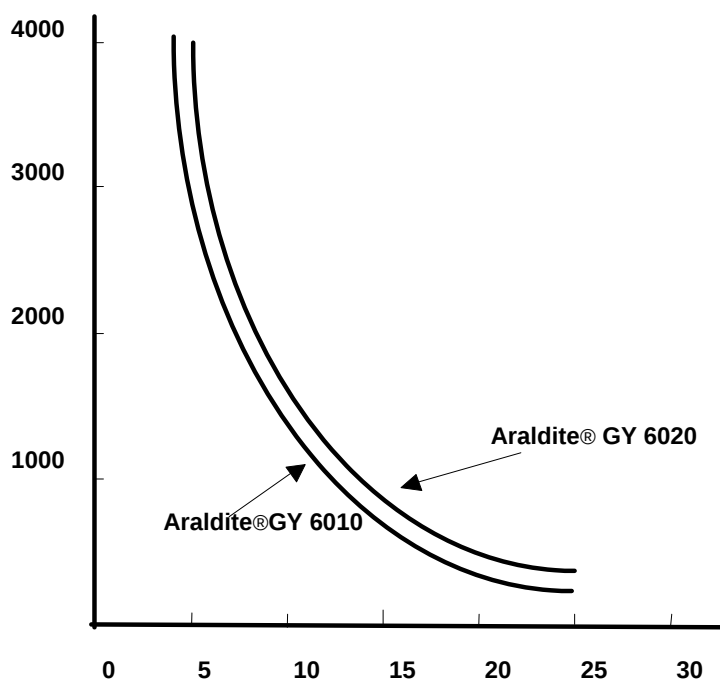
|                                              | Araldite® DY-J Reactive Diluent |
|----------------------------------------------|---------------------------------|
| Visual Appearance                            | Clear, no contamination         |
| Color, Gardner, max.                         | 1                               |
| Epoxy Value (eq./kg)                         | 4.0 – 4.3                       |
| Epoxy Equivalent (g/eq.)                     | 220 – 250                       |
| Viscosity at 25°C (cP)                       | 15                              |
| Flash Point, Closed Cup (°C)                 | 200                             |
| Density at 25°C (g/cm <sup>3</sup> , lb/gal) | 0.91, 7.6                       |

\* Product data are based on Huntsman's test methods. Copies are available upon request.

**Chemical  
Structure****Formulations**

The graph below shows 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.

Viscosity @ 25°C (cP)



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**Storage**

Araldite® DY-J reactive should be stored in a dry place, in the sealed original container, at temperatures between +2°C and +40°C (+35.6°F and +104°F). Under these storage conditions the shelf life is 5 years. The product should not be exposed to direct sunlight.

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**Precautionary Statement**

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

**KEEP OUT OF REACH OF CHILDREN**

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