

Advanced Materials**Araldite® GY 6005**

Modified Epoxy Resin based on Bisphenol A

**Araldite® GY 6005
Medium Viscosity Epoxy Resin****Key properties**

- **Medium viscosity**
- **Light color**
- **Easier handling**
- **Excellent mechanical and electrical properties**
- **Good chemical resistance**
- **Highly versatile**

Description

Araldite® GY 6005 is a light colored, medium viscosity, general purpose modified bisphenol A epoxy resin. It can be cured with a wide variety of hardeners depending on the application and the desired properties. Araldite® GY 6005 has a viscosity lower than Araldite® GY 6010, making it easier to handle without any major reduction of the cured properties. In addition, its light color makes it particularly suitable for the formulation of high build clear coatings.

Applications

Adhesives and tooling
Castings
High solids and solvent-free coatings
Flooring
Laminating
Filament Winding

Product data*

	Araldite® GY 6005
Visual Appearance	Clear, no contamination
Color, Gardner, max.	1
Epoxy Value (eq./kg)	5.10 – 5.49
Epoxy Equivalent (g/eq.)	182 – 196
Viscosity at 25°C (cP)	7 500 – 9 500
Flash Point, Closed Cup (°C)	199
Density at 25°C (g/cm ³ , lb/gal)	1.16, 9.7

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

Storage

Araldite® GY 6005 modified epoxy resin 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.

Like most liquid epoxy resins, Araldite® GY 6005 may crystallize when stored below room temperature. Heating the crystallized resin to 60 - 70°C (140 - 160°F), preferably in a water bath, for several hours, will restore its original physical properties.. The expiry date is indicated on the label.

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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