

Araldite[®] GY 509 Resin

Product Description

Araldite[®] GY 509 is a bisphenol A based epoxy resin modified with predominantly C8 and C10 alkyl glycidyl ethers. Araldite[®] GY 509 is a very low viscosity epoxy resin modified with Araldite[®] DY 027 product, a reactive diluent.

Applications

- Solvent-free and high solids coatings
- Adhesives
- Casting
- Electrical potting and encapsulating
- Laminating
- Tooling
- Flooring

Features

- Very low viscosity
- Light color
- Good overall physical and electrical properties
- Good chemical resistance
- Excellent adhesion

Typical Properties*

Property	Value
Appearance	Clear, no contamination
Color, Gardner, max	1
Epoxy value, eq/kg	5.00 - 5.29
Epoxy equivalent, g/eq	189 - 200
Viscosity @ 25°C, cP	500 - 700
Density @ 25°C, g/cm ³	1.12
Flash point, closed cup, °C (°F)	121 (250)

*Typical properties are based on Huntsman's test methods. Copies are available upon request.

Storage

Araldite® GY 509 Resin is supplied in 500 pound steel drums and in bulk. It should be stored in a dry place, in the sealed original container, at temperatures between 2°C and 40°C (36°F and 104°F). Under these storage conditions the shelf life is **5 years** (from date of manufacture). The product should not be exposed to direct sunlight.

Like most liquid epoxy resins, Araldite® GY 509 Resin may crystallize when stored below room temperature. Heating the resin to 60-70°C (140-160°F), preferably in a water bath, for several hours, will restore its original properties.

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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