

Araldite® GY 6020 Resin

Product Description

Araldite® GY 6020 is a unmodified, liquid bisphenol A epoxy resin. It is a light straw colored high viscosity resin that can be cured with amines, anhydrides, polyamides and other hardeners depending on the application and desired properties.

Applications

- Adhesives
- Castings
- Coatings
- Laminating
- Tooling

Features

- Light color
- Excellent adhesion
- Excellent mechanical properties
- Good chemical resistance
- Good electrical properties
- FDA regulated

Typical Properties*

Property	Value
Appearance	Clear, no contamination
Color, Gardner, max	1
Epoxy value, eq/kg	5.0 - 5.4
Epoxy equivalent, g/eq	185 - 200
Viscosity @ 25°C, cP	16,000 - 20,000
Density @ 25°C, g/cm ³	1.15 - 1.18
Flash point, closed cup, °C (°F)	254 (490)
Hydrolyzable chlorine, ppm	400 - 700

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

FDA Status

Araldite® 6020 is included in Section 175.300 of Title 21 of the Code of Federal Regulations (21 CFR 175.300) for polymeric coatings.

Storage

Araldite® GY 6020 Resin is supplied in bulk in 500 pound steel drums. 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 6020 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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