

Araldite® GY 6020

Unmodified liquid Epoxy Resin



General	Araldite® GY 6020 is a high viscose unmodified resin based on Bisphenol A.		
Applications	<p>Araldite® GY 6020 can be cured with amines, polyamides or anhydrides depending on the application and desired properties. The resin is suitable for the following end use application:</p> <ul style="list-style-type: none"> • Casting and tooling systems • Laminating • Filament windings and adhesives 		
Properties	<p>Araldite® GY 6020 based formulation yields,</p> <ul style="list-style-type: none"> • Good adhesion and flexibility • Excellent water and chemical resistance <p>The resin is FDA approved and shows relatively slight tendency to crystallize.</p>		
Specific Key Data	Property	Value	Test method
	Appearance	Clear, no contamination	JCTM 001
	Color, APHA	125 max.	ASTM D-1209
	Epoxy value	5.00 - 5.40 eq/Kg	ASTM D-1652
	Weight per epoxide	185 - 200 g/eq	ASTM D-1652
	Viscosity at 25°C (77°F)	16,000 - 20,000 mPa.s	ISO 12058-1
	Hydrolyzable Chlorine	400 - 700 ppm	JCTM 195
	Water Content (KF)	0.04 % max.	ASTM D-4017
	<i>Specific key data are individually checked throughout, guaranteed and included in Certificate of Analysis.</i>		
Typical Key Data	Residual Epichlorohydrine	10.0 ppm max.	JCTM GC6010
	Density at 25°C (77°F)	1.16 g/cm ³	ISO 1675
	Flash point	≥ 200°C	ISO 2719
	<i>Typical key data are spot-checked; the values are typical for the product and are indicated for information only. The values are not included in certificate of analysis.</i>		
	As-supplied form	Liquid	
	Odor	Yes	
	Self life (at storage temperature between 10-40°C) (See expiry date on original container)	4 years	
	Hazardous decomposition products	Carbon monoxide, carbon dioxide, nitrogen oxides and other toxic gases and vapors	
	Disposal	Regular procedures approved by local authorities	

Packaging & Storage

Araldite® GY 6020 is supplied in bulk and in steel drums contains 240 Kgs. This product has a minimum shelf life of four years when stored in unopened sealed containers in a dry location at room temperature. Like liquid epoxy resins, Araldite® GY 6020 may crystallize when stored below room temperature. Heating the resin to 60–70°C (140–160°F), for several hours will re-liquefy it and restore its original properties.

**Handling/Safety
Precautions**

Warning! Causes irritation. May cause sensitization and dermatitis.
Avoid contact with eyes, skin and clothing. Avoid breathing vapor, mist or spray. Use with good ventilation. Wash after handling.

***Read Material Safety Data Sheet Before Using.
For Industrial use only.***

First Aid**In case of contact**

Eyes : Immediately flush with water for at least 15 minutes. Contact a physician.
Skin : Promptly wash thoroughly with mild soap and water.
Inhalation : Remove to fresh air. Give oxygen if breathing is difficult.
Ingestion : If conscious, give water. Get medical attention.

Note

Araldite® is a registered trademark of Huntsman LLC or an affiliate thereof.

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