

Performance Polymers

Ciba



Araldite® DY 027

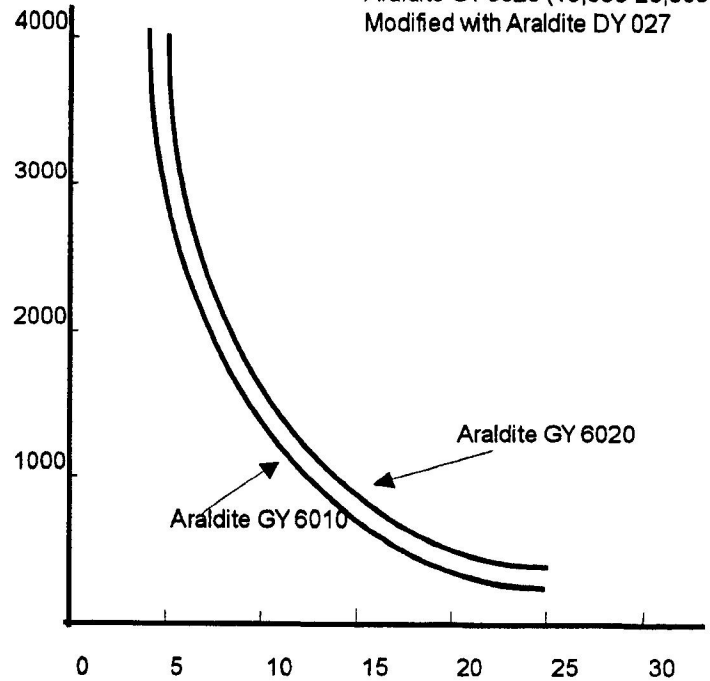
A Reactive Diluent

General	Araldite® DY 027 exhibits a low volatility and it is advantageous primarily as an additive to reduce the viscosity of epoxy resins.	
Chemical Description	Araldite DY 027 is an alkyl glycidyl ether where the alkyl groups are predominantly C ₈ and C ₁₀ .	
Advantages	Very effective viscosity reducer Low volatility Reduces surface tension and improves wettability	
Applications	Adhesives Castings Electrical Laminating Tooling Flooring Coatings	
Typical Properties	Visual appearance Color, Gardner, max. Epoxy value, eq/100g Weight per epoxide, g/eq Viscosity @ 25°C, cP, max. Pounds per gallon @ 25°C Flash point, closed cup, C, (°F)	Clear, no contamination 1 0.40 - 0.43 220-250 15 7.6 200 (392)

Handling & Mixing

Viscosity, cp
at 25 °C

Viscosities of
Araldite GY 6010 (11,000-14,000 cp)
Araldite GY 6020 (16,000-20,000 cp)
Modified with Araldite DY 027



Packaging & Storage

Araldite DY 027 is supplied in 420 pound steel drums. This product has a minimum shelf life of one year when stored in unopened, sealed containers in a dry place at room temperature

Handling/Safety Precautions

Warning! Causes eye and skin irritation. May cause sensitization and dermatitis. Prolonged or repeated contact with liquid or breathing of vapors or mist may cause delayed and serious injury.
Do not get in eyes, on skin or on clothing.
Do not breathe vapor or mist.
Use only with adequate ventilation.
Remove contaminated clothing and wash before reuse. Destroy contaminated shoes.
Wash thoroughly after handling.
Keep container closed when not in use.

**Read Material Safety Data Sheets Before Using.
For Industrial Use Only**

First Aid**In case of contact**

Eyes: Immediately flush with water for at least 15 minutes.

Skin: Immediately remove from skin with dry cloth followed by thorough washing with mild soap and water.

Inhalation: Remove to fresh air. If breathing is difficult, give oxygen.

Ingestion: Give large quantity of water. Get immediate medical attention.

Important

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**Important
(continued)**

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The test data and results set forth herein do not necessarily indicate results that the buyer or user will attain. Full-scale testing and product performance are the responsibility of the buyer and user.

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Resins
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