

# Araldite® GY 257

## Modified liquid Epoxy Resin



**General** Araldite® GY 257 is a low viscosity epoxy resin based on Bisphenol A modified with aromatic glycidyl ether.

**Applications** Araldite® GY 257 can be cured with polyamines, polyamidoamines or their adducts for solvent-free coatings, self-leveling and mortar floors, concrete injections, structural adhesives, trowelling compounds and impregnation systems. In combination with unmodified epoxy resins, like Araldite® GY 250 and Araldite® GY 6010 the viscosity of the end formulation can be reduced.

**Properties** Due to the low viscosity and the full crystallization resistance Araldite® GY 257 is a most suitable epoxy resin in formulating solvent free systems yielding,

- Very good processing properties
- Good mechanical performances
- Good surface penetration
- Medium chemical resistance / good acid and solvent resistance

Specific key data	Property	Value	Test method
	Appearance	Clear, no contamination	JCTM 001
	Color APHA	100 max	ASTM D-1209
	Epoxy value	5.20 – 5.50 eq/Kg	ASTM D-1652
	Weight per epoxide	180 – 192 g/eq	ASTM D-1652
	Viscosity at 25 °C (77 °F)	500 – 700 mPa.s	ISO 12058-1

*Specific key data are individually checked thought, guaranteed, and included in the certificates of analysis.*

Typical Key Data	Property	Value	Test method
	Density at 25°C	1.15 g/cm <sup>3</sup>	ISO 1675
	Flash point	≥ 138 °C	ISO 2719

*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.*

As-supplied form	Liquid
Odor	Yes
Shelf life (at storage temperature between 2 - 40°C)	6 years (See expiry date on original container)
Hazardous decomposition products	Carbon monoxide, carbon dioxide, Nitrogen oxides and other toxic Gases and vapours
Disposal	Regular procedures approved by Local authorities

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**Packaging & Storage**      **Araldite® GY 257** is supplied in bulk and in 220 kg steel drums. This product should be stored in a dry place, preferably in the sealed original container; at temperatures between 2°C and 40°C (temperatures should never be allowed to drop below 0°C). The product should not be stored exposed to direct sunlight.

**Tariff Number**                      **39073000**

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**Handling/Safety Precautions**      Mandatory and recommended industrial hygiene procedures should be followed whenever our products are being handled and processed. For additional information please consult the corresponding product safety data sheets.

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

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