

Araldite® GY 257

Modified liquid Epoxy Resin



General Araldite® GY 257 is a low viscose epoxy resin based on Bisphenol A modified with an 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, structure 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, Gardner	3 max	ASTM D-1544
	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 – 650 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 ³	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
Self life (at storage temperature between 2 - 40°C) (See expiry date on original container)	Several 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 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 will never be allowed to drop under 0°C). The product should not be stored exposed to direct sunlight.
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.
Note	Araldite® is a registered trademark of Huntsman LLC or an affiliate thereof

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