

Araldite® GZ 280 X 80

Epoxy Resin solution



General	Araldite® GZ 280 X 80 is a semi-solid epoxy resin based on Bisphenol A as solvent cut 80% in Xylene.
Applications	Araldite® GZ 280 X 80 is mainly used as modifier in oil-free polyester or acrylic resin systems to improve adhesion, flexibility, chemical resistance and surface levelness of primers and finishing paints applied on metal substrates.
Properties	Araldite® GZ 280 X 80 solvent cut exhibiting relatively low viscosity and low solvent retention at cured films. The mechanical properties and chemical resistance depending on the binder used in the formulation are outstanding.

Specific key data	Property	Value	Test method
	Appearance	Clear, no contamination	JCTM 003
	Color (Gardner)	3 max	ASTM D-1544
	Epoxy Value (supplied)	3.12 - 3.37 eq/Kg	ASTM D-1652
	Weight per epoxide (supplied)	296 - 320 g/eq	ASTM D-1652
	Solid Content	79 - 81%	JCTM 0097
	Viscosity at 25 °C (77 °F)	625 - 1275 mPa.s	ISO 12058-1

Specific key data are individually checked throughout, guaranteed and included in certificate of analysis.

Typical key data	Property	Value	Test method
	Density at 25°C	1.10 g/cm ³	ISO 1675
	Flash point, closed cup	29 °C	DIN 53213

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 (Xylene)
Shelf life (at storage temperature between 2- 40°C) (see expiry date on original container)	Several years
Hazardous decomposition products (when disposed of in fire)	Carbon monoxide, carbon dioxide and other toxic gases and vapors.
Disposal	Regular procedures approved by local authorities.

Packaging and Storage	Araldite® GZ 280 X 80 is supplied in bulk and in steel drum contains 210 Kgs. This product should be stored in a dry place, preferably in the sealed original containers, at temperatures between 2 and 40°C. The products 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.

Jubail Chemical Industries Co. (JANA)
P.O Box 10661
Jubail Industrial city 31961
Kingdom of Saudi Arabia
Tel : +966 3 3585002
Fax : +966 3 3585113
Website : www.jana-ksa.net

ISO 9001 : 2000



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