

Araldite® GZ 280 X 80

Low viscosity Epoxy Resin solution



General	Bisphenol A based Araldite medium molecular weight epoxy resin in Xylene solution.
Applications	The modification of oil-free polyester or acrylic resins to enhance the adhesive properties and chemical resistance or primers and finishing paints for metal substrates.
Properties	Outstanding mechanical properties and chemical resistance, actual performance depending on the hardener used or the binders with which it is used. Araldite® GZ 280 X 80 is a solution in xylene exhibiting convenient viscosity and low solvent retention by cured films.

Specific key data	Property	Value	Test method
	Appearance	Clear, No contamination	JCTM 003
	Color (Gardner)	3 max	ASTM D-1544
	Epoxy Value (Solid)	0.3873 - 0.4273 eq/100g	ASTM D-1652
	Weight per epoxide (Solid)	234 - 258 g/eq	ASTM D-1652
	Solid Content	79 - 81%	JCTM 0097
	Bubble Viscosity at 25°C	U - X	ASTM D-1545

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

Typical key data	Property	Value
	Vapor pressure at 20°C (balance)	≤ 800 Pa
	Density at 25°C	1.10 g/cm ³
	Flash point	29 °C

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) (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 drums 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.

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