

# Araldite® GZ 471 X 75

## Medium molecular weight Epoxy Resin solution



**General** Araldite® GZ 471 X 75 is a medium molecular weight epoxy resin based on Bisphenol A as solvent cut 75% in Xylene.

**Applications** Araldite® GZ 471 X 75 is mainly used as modifier in oil-free polyester or acrylic resin system to improve the mechanical and electrical properties of such coatings. The resin solution also can be used to reduce viscosity of type -1 resin systems cured with polyamidoamines for highly filled coatings for marine maintenance and protective coatings applications.

**Properties** Araldite® GZ 471 X 75 yields similar performance than Araldite® GZ 7071 X 75 but due to lower molecular weight the compatibility with unsolubles, acrylics and alkyd-amino combinations is improved.

Specific Key Data	Property	Value	Test method
	Appearance	Clear, no contamination	JCTM 003
	Color (Gardner)	3 max	ASTM D-1544
	Epoxy Value (supplied)	1.42 - 1.67 eq/Kg	ASTM D-1652
	Weight per Epoxide (supplied)	600 - 700 g/eq	ASTM D-1652
	Solid Content	74 - 76%	JCTM 0097
	Viscosity at 25 °C (77 °F)	4630 - 9850 mPas	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	~ 1.08 g/cm <sup>3</sup>	ISO 1675
	Flash point, closed cup	31 °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.

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<b>Packaging and Storage</b>	Araldite® GZ 471 X 75 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.
<b>Handling/Safety Precautions</b>	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.
<b>Note</b>	Araldite® is a registered trademark of Huntsman or an affiliate thereof.

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