

Araldite® GZ 601 X 75[#]

Araldite epoxy resins of medium molecular weight, bisphenol-A based, in a xylene solution

Applications In combination with polyamines, polyamidoamines or their adducts to form cold-curing:

- adhesive primers (for steel, concrete and wood)
- anti-corrosive primers (for metals and concrete)
- zinc dust primers (for metals)
- top coat or clear lacquers (for metals, concrete or wood).

Properties Araldite GZ 601 X 75 for cold-curing reactive lacquers with:

- excellent adhesion
- good mechanical properties
- moderate to good resistance to chemicals.
- better compatibility with non-solvents as with GZ 7071 X 75
- better compatibility with acrylic and alkyd/amino resin combinations as with GZ 7071 X 75.

| Key data | Specified key data (as supplied) | Araldite GZ 601 X 75 | |
|---|----------------------------------|----------------------|--|
| | Aspect (visual) | | clear (colorless-yellowish)liquid |
| Colour (Gardner, ISO 4630) | | ≤ 2 | |
| Epoxy index (ISO 3001) | | 1.60-1.80 | [eq/kg] |
| Epoxy equivalent (ISO 3001) | | 555-625 | [g/Eq] |
| Solids content (ISO 3251) | | 74.0-76.0 | [%] |
| Viscosity at 25 °C (Falling-ball, ISO 12058-1) | | 5500-7500 | [mPa s] |

Specified key data are individually checked throughout and guaranteed.

Typical key data

| | | |
|---|---|----------------------|
| Density at 25 °C (ISO 1675) | 1.08 | [g/cm ³] |
| Flash point (Pensky Martens, ISO 2719) | ≥ 22 | [°C] |
| As-supplied form | liquid | |
| Odour | 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 vapours | |
| Disposal | regular procedures approved by local authorities | |

Typical key data are spot checked; the values are typical for the product and are indicated for information only. The values are not guaranteed.

[#] In addition to the brand name product denomination may show different appendices, which allows us to differentiate between our production sites: e.g. BD = Germany, US = United States, IN = India, CI = China, etc. These appendices are in use on packaging, transport and invoicing documents. Generally the same specifications apply for all versions. Please address any additional need for clarification to the appropriate Huntsman contact.

| | | | | | | | | |
|-----------------------------|--|---------|-------|-------|-----------------|-------|-----|-----|
| Viscosity | Viscosity (ISO 12058-1) of solutions of Araldite GZ 601 X 75 as a function of temperature | | | | | | | |
| | Temperature | [°C] | 20 | 25 | 30 | 40 | 50 | 60 |
| | GZ 601 X 75 | | | | | | | |
| | Viscosity at 25 °C (ISO 12058-1) | [mPa s] | 16000 | 8000 | 4000 | 1500 | 500 | 300 |
| Mix ratios | Components | | | | Parts by weight | | | |
| | Araldite GZ 601 X 75 | | | 100 | 100 | 100 | 100 | |
| | Aradur 115 | | | 27-75 | - | - | - | |
| | Aradur 125 | | | - | 14-28 | - | - | |
| | Aradur 423 XW 60 | | | - | - | 65-80 | - | |
| | Aradur 3776 XW 55 | | | - | - | - | - | 60 |
| Storage | Araldite GZ 601 X 75 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 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 and the brochure "Hygienic precautions for handling plastics products". | | | | | | | |
| Note | Araldite® is a registered trademark of Huntsman LLC or an affiliate thereof. | | | | | | | |

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