DGEBA Liquid Epoxy Resin (Bisphenol-A Diglycidyl Ether)

DGEBA Liquid Epoxy Resin (Bisphenol-A Diglycidyl Ether) · RS-DGEBA · CAS 25068-38-6 · Technical Data Sheet · RawSource · rawsource.com/product/dgeba-epoxy-resin/

CAS NO.	ALSO LISTED AS	PRODUCT CODE	PRODUCT TYPE
25068-38-6	CAS 1675-54-3	RS-DGEBA	Bisphenol A epoxy resin · liquid resin

Bisphenol A liquid epoxy resin is supplied as a colorless transparent viscous liquid. It has low viscosity, a high epoxy value, light color, high purity, low chlorine content and good electrical insulation. It is used in coatings, adhesives, casting, sealing, electronic and electrical products and laminated products.

DISTRIBUTED BY
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GENERAL INFORMATION

Chemical name	Bisphenol A liquid epoxy resin

RELEASE SPECIFICATION

PARAMETER	SPECIFICATION	TYPICAL
Appearance	Colorless transparent viscous liquid	Conform
EEW	184 – 190 g/Eq	185.6 g/Eq
Hydrolyzable chloride	300 ppm max	218 ppm
Inorganic Chloride	5 ppm max	1.66 ppm
Residual Toluene	200 ppm max	ND
Volatile	0.1 % max	0.04 %
Viscosity, 25 °C	11,000 – 13,000 mPa·s	12,660 mPa·s
Color, APHA	20 max	18

Each lot is released against this specification. Lot-specific results are reported on the Certificate of Analysis that ships with every delivery.

KEY FEATURES

- Low viscosity
- High epoxy value
- Light color
- High purity
- Low chlorine content
- Good electrical insulation
- After curing: strong adhesion, high toughness, small shrinkage, chemical resistance, thermal stability and electrical insulation

APPLICATIONS

- Coatings
- Adhesives
- Casting
- Sealing
- Electronic and electrical products
- Laminated products

Applications are those stated for the product. Confirm suitability for each formulation by trials.

HANDLING REQUIREMENTS

- Store in a dry place and keep sealed.
- If turbidity or crystallization occurs, it can be restored by heating to 45 to 50 °C while stirring.

PACKAGING AND SHELF LIFE

- 240 kg drums
- IBC
- ISO tank
- Shelf life: 24 months from production date.

The information in this Technical Data Sheet is provided for technical evaluation and is believed to be accurate as of the issue date. Typical values are representative and do not constitute a warranty. Binding specifications are those stated on the lot-specific Certificate of Analysis and in the sales contract. Users should verify suitability for their own process and regulatory requirements. Refer to the Safety Data Sheet before handling. Questions: solutions@rawsource.com.