N,N'-Bis(3-aminopropyl)ethylenediamine

N,N'-Bis(3-aminopropyl)ethylenediamine · RS-BAPEDA · CAS 10563-26-5 · Technical Data Sheet · RawSource · rawsource.com/product/n-n-bis-3-aminopropyl-ethylenediamine/

CAS NO.	PRODUCT CODE	PRODUCT TYPE
10563-26-5	RS-BAPEDA	Aliphatic polyamine · epoxy curing agent

N,N'-Bis(3-aminopropyl)ethylenediamine is a hardener supplied as a colorless to yellowish clear liquid. It is used as a crosslinker in epoxy systems, as an epoxy resin curing agent, as an additive in construction chemicals and as an intermediate for the synthesis of hindered amine light stabilizers.

DISTRIBUTED BY
RawSource Inc.
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Product page: rawsource.com/product/n-n-bis-3-aminopropyl-ethylenediamine/
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GENERAL INFORMATION

Chemical name	N,N'-Bis(3-aminopropyl)ethylenediamine
Molecular formula	$C_8H_{22}N_4$

TYPICAL PROPERTIES

Melting Point	-5 °C, at the pressure of 101,325 Pa	AHEW	29

Typical values are representative of the product and are not specifications.

RELEASE SPECIFICATION

PARAMETER	SPECIFICATION
Appearance	Colorless to yellowish clear liquid
Content	97 % min
Color, Pt-Co	50 max
Moisture	0.50 % max

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

APPLICATIONS

- Crosslinker in epoxy systems
- Epoxy resin curing agent
- Additive in construction chemicals
- Intermediate for hindered amine light stabilizers
- Solvent-borne and high solids coatings
- Water-borne coatings

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

HANDLING REQUIREMENTS

- May be stored under air at ambient temperatures for extended periods.
- A nitrogen blanket is suggested for all storage, to reduce the effect of accidental exposure to high temperatures and to reduce the absorption of atmospheric moisture and carbon dioxide.
- Discoloration can occur at temperatures in excess of 60 °C.

PACKAGING AND SHELF LIFE

- 190 kg steel drums
- 900 kg IBC
- bulk
- Shelf life: 12 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.