

Propylene oxide-capped polyethylene glycol diamine, Mn ≈ 900

Diamine, primary amine ends · polyetheramine ED-900

Propylene oxide-capped polyethylene glycol diamine, Mn ≈ 900, polyetheramine ED-900 · RS-ED900 · CAS 65605-36-9 · Technical Data Sheet · RawSource · rawsource.com/product/polyetheramine-ed-900/

CAS NO. 65605-36-9	PRODUCT CODE RS-ED900	GRADE polyetheramine ED-900	PRODUCT TYPE Polyetheramine
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An aliphatic polyether diamine made from a propylene oxide-capped polyethylene glycol, of approximately 900 molecular weight. It is water soluble, with a melting point around room temperature. The polyethylene glycol chain imparts hydrophilicity and flexibility, and built into polyamides a polyetheramine of this PEG-based type can enhance antistatic properties and moisture vapor transmission.

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GENERAL INFORMATION

Functionality	Diamine, primary amine ends
Nominal molecular weight	900

TYPICAL PROPERTIES

Amine hydrogen equivalent weight (AHEW) 250 g/eq

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

RELEASE SPECIFICATION

PARAMETER	SPECIFICATION	TYPICAL
Appearance	Colorless to pale yellow transparent liquid	Conform
Color	30 max Pt-Co	9 Pt-Co
Amine value	1.8 – 2.25 mmol/g	2.14 mmol/g
Water content	0.35 max %	0.13 %

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

PROPYLENE OXIDE-CAPPED POLYETHYLENE GLYCOL DIAMINE, MN $\approx$ 900 · TECHNICAL DATA SHEET

KEY FEATURES

- Hydrophilicity from polyethylene glycol
- Reactivity from the amine end groups

APPLICATIONS

- Modification of polyamides for enhanced hydrophilicity
- Preparation of hydrogels with isocyanates

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

PACKAGING AND STORAGE

- Packaging: 200 kg drums; 1,000 kg IBC totes; bulk ISO tank.

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.