

Methoxy PEG/PPG copolymer monoamine, PO/EO $\approx$ 8/58, Mn $\approx$ 3000

Monoamine, primary amine end · polyetheramine M-3085

Methoxy PEG/PPG copolymer monoamine, PO/EO $\approx$ 8/58, Mn $\approx$ 3000, polyetheramine M-3085 · RS-M3085 · CAS 83713-01-3 · Technical Data Sheet · RawSource · rawsource.com/product/polyetheramine-m-3085/

CAS NO. 83713-01-3	PRODUCT CODE RS-M3085	GRADE polyetheramine M-3085	PRODUCT TYPE Polyetheramine
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A hydrophilic polyether monoamine of approximately 3000 molecular weight with a PO/EO mole ratio of about 8/58. It has moderate viscosity and low vapor pressure, and its amine end group is more reactive than an alcohol. The polyether backbone improves flexibility, the polyethylene glycol backbone raises surface energy (hydrophilicity and polarity), and its surfactant properties can modify a variety of resin types.

DISTRIBUTED BY

RawSource Inc.

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Product page: rawsource.com/product/polyetheramine-m-3085/
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GENERAL INFORMATION

Functionality	Monoamine, primary amine end
Nominal molecular weight	3,000
PO/EO mol ratio	8/58

RELEASE SPECIFICATION

PARAMETER	SPECIFICATION
Appearance	White waxy solid
Color	50 max Pt-Co
Amine value	0.30 – 0.38 mmol/g
Water content	0.30 max %

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

KEY FEATURES

- Polyether backbone improves elastic properties
- Water soluble
- Polyethylene glycol backbone increases surface energy (hydrophilicity and polarity)
- Surfactant properties can modify a variety of resin types
- Amine ends are more reactive than alcohols

METHOXY PEG/PPG COPOLYMER MONOAMINE, PO/EO $\approx$ 8/58, MN $\approx$ 3000 · TECHNICAL DATA SHEET

APPLICATIONS

- Modification of epoxy resins and other thermoset resins
- Preparation of epoxy resin adducts
- Preparation of comb polymers with poly(acrylic acid) or similar linear polymers
- Formulating emulsifiers, pressure-sensitive adhesives and corrosion inhibitors

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.