

N,N'-Diisopropyl polyoxypropylenediamine, Mn $\approx$ 2000

Diamine, secondary amine ends · polyetheramine SD-2001

N,N'-Diisopropyl polyoxypropylenediamine, Mn $\approx$ 2000, polyetheramine SD-2001 · RS-SD2001 · CAS 81455-53-0 · Technical Data Sheet · RawSource · rawsource.com/product/polyetheramine-sd-2001/

CAS NO. 81455-53-0	PRODUCT CODE RS-SD2001	GRADE polyetheramine SD-2001	PRODUCT TYPE Polyetheramine
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A difunctional secondary polyetheramine derived from the 2000 molecular weight polyoxypropylene diamine. Its relatively low reactivity suits applications that need a slower cure, and it can extend working time and lower the reaction exotherm.

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GENERAL INFORMATION

Functionality Diamine, secondary amine ends

TYPICAL PROPERTIES

Molecular weight Approx. 2,000 g/mol Specific gravity / density Approx. 0.98 at room temperature

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

RELEASE SPECIFICATION

PARAMETER	SPECIFICATION	TYPICAL
Appearance	Colorless to pale-yellow transparent liquid	Colorless transparent liquid
Color	100 max Pt-Co	23 Pt-Co
Amine value / total amine	0.875 - 1.03 mmol/g	0.93 mmol/g
Moisture	0.20 max %	0.13 %
Primary amine	5 max %	3.87 %

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

N,N'-DIISOPROPYL POLYOXYPROPYLENEDIAMINE, MN $\approx$ 2000 · TECHNICAL DATA SHEET

APPLICATIONS

- Raw material for polyurea and polyurethane systems
- Reaction injection molding (RIM) applications
- Modified polyetheramine formulations

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

PACKAGING AND STORAGE

- Packaging: 200 kg net drums (nitrogen blanketed).
- Storage: Store in tightly closed, properly labeled containers in a cool, dry and well-ventilated area. Protect from moisture and contamination.

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.