OCTAPUR
CHEMICAL SOLUTIONS

Product Data Sheet

OCTAMIN D2000

Polyetheramine

PRODUCT DESCRIPTION

OCTAMIN D2000 is a difunctional, primary amine-terminated polyoxypropylene with an average molecular weight of approximately 2000. It is a low-viscosity polyether diamine used as a reactive component in polyurea, polyurethane and epoxy formulations.

APPLICATIONS

OCTAMIN D2000 is used in polyurea systems, reaction injection molding (RIM), epoxy resin modification and flexible epoxy formulations. It contributes to improved flexibility, toughness and peel strength in suitable formulations.

TYPICAL PRODUCT PROPERTIES

Properties	Typical Value	Unit	Test Method
Appearance	Colorless to pale yellow liquid	—	—
Average molecular weight	Approx. 2,000	g/mol	—
Total amine	0.95–1.05	meq/g	—
Primary amine	≥ 97	% of total amine	—
Amine hydrogen eqv. wt.	Approx. 514	g/eq	—
Eqv. Wt. with isocyanates	Approx. 1,030	g/eq	—
Color (Pt-Co)	≤ 25	APHA	—
Water content	≤ 0.25	wt.%	—
Viscosity (25 °C)	Approx. 248	cSt	—
Density (25 °C)	Approx. 0.991	g/mL	—
Flash point (PMCC)	Approx. 185	°C	—

The values presented above are typical or indicative and may vary depending on the manufacturing source. They do not constitute guaranteed specifications unless otherwise agreed.

PACKAGING AND STORAGE

Packaging: Drum / IBC. Shelf Life: 12 months. Store in tightly closed containers in a cool, dry and well-ventilated area. Protect from moisture, carbon dioxide and excessive heat. Nitrogen blanketing is recommended for prolonged storage.

OCTAPUR Kimya San. ve Tic. A.Ş.
Barbaros Mah Begonya Sok No:1/2 Nidakule Ataşehir / İstanbul
www.octapur.com | info@octapur.com
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