

HANSON CHEMICALS

Product Name

Polyether Amine CAT-5000

Composition

Polyether Amine CAT-5000 is a triamine prepared by the reaction of propylene oxide (PO) with a triol initiator, followed by amination of the terminal hydroxyl groups. This unique structure imparts excellent reactivity and mechanical properties to final formulations.

Technical Data

Appearance	Colorless to Pale Yellow Transparent Liquid
Molecular Weight (Wn)	5000
Color (Pt-Co, APHA)	<=50
Amine Value (mmol/g)	0.50 - 0.57
Water Content (%)	<=0.25
CAS Number	64852-22-8

Applications

- Polyol replacement in polyurea RIM elastomers for automotive body parts
- Industrial RIM applications
- Spray elastomers and coatings
- Adhesion promoter in epoxy systems
- Surfactant and corrosion inhibitor applications

Packaging and Shipping

- 200 kg Drum with Nitrogen Blanket

Storage and Handling

Polyether Amine CAT-5000 should be stored in tightly closed containers under dry nitrogen. Keep away from moisture, heat, and direct sunlight. Standard industrial hygiene practices, including gloves and eye protection, are recommended. In case of skin or eye contact, rinse immediately with plenty of water and seek medical attention if necessary.