

# HANSON CHEMICALS

## Product Name

Polyether Amine LHD-1500

## Product Features and Advantages

LHD-1500 is a polyether amine based on polypropylene oxide, mainly terminated by primary amino groups. It features low viscosity and low vapor pressure, making it ideal for high-performance crosslinking and curing applications.

## Application Scope

- Spraying polyurea crosslinking agent
- Modified polyether amine curing agent
- Hardener for high-pressure FRP pipes (amine pipes)
- Curing agent for epoxy resins in fishing rods, golf clubs, and tennis racket composite materials
- Surfactants and corrosion inhibitors

## Typical Properties

Molecular Weight	About 5000
Appearance	Colorless to Light Yellow Liquid
Density (g/ml at 25C)	0.997 (8.31 lb/gal)
Total Amine (meq/g)	0.50 - 0.57
Functionality	3
Primary Amine (%)	>97
Color (Pt-Co, APHA)	<=50
Water Content (wt%)	<=0.25
Viscosity (cSt at 25C)	819
Flash Point PMCC (C)	213C
pH	11.2
CAS Number	64852-22-8

## Packaging and Shipping

- Drum: 200 kg net weight
- IBC: 950 kg net weight

## Storage and Handling

Polyether Amine LHD-1500 should be stored in tightly closed containers in a dry, cool, and well-ventilated place. Protect from moisture and direct sunlight. Follow standard industrial hygiene practices including the use of gloves and eye protection. In case of contact with skin or eyes, rinse immediately with plenty of water and seek medical advice if necessary.

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