

1,6-HEXANEDIOL



Cas Number: 629-11-8

Other Names: Hexamethylene glycol, 1, 6-Dihydroxyhexane,
1, 6-Hexylene glycol, Hexamethylenediol, HDO

Formula: $C_6H_{14}O_2$

PRODUCT INTRODUCTION

1,6-Hexanediol (HOCH₂(CH₂)₄CH₂OH) is a colorless crystalline solid that melts at 42 °C and boils at 250 °C. It is soluble in water and is hygroscopic.

PHYSICAL AND CHEMICAL PROPERTIES

Water	0.02 %
Color Number	5 APHA
Acid Number	0.01 mgKOH/g
Cyclohexanediols	1.6 %
1,6-Hexanediol	98.0 %
Hexanediols as C6-Diols	99.5 %

APPLICATIONS

- Chemical Industry
- Chemical synthesis
- Coating
- Dyestuffs, pigments and optical brighteners
- Flavor and fragrances
- Glues and adhesives
- Hardener and crosslinking agents for polymers
- Heat-resistant polymers
- Manufacturing of coating
- Manufacturing of dyestuffs
- Manufacturing of fibers
- Manufacturing of fragrances
- Manufacturing of glues and adhesives
- Manufacturing of pharmaceutical agents
- Manufacturing of plastics
- Manufacturing of reprographic chemicals
- Manufacturing of textile dyestuffs
- Manufacturing of textiles dyestuffs
- Pharmaceutical industry / Biotechnology
- Photography
- Plastic- and Rubber polymers
- Polyester
- Polymer auxiliaries
- Specialties
- Synthetic lubricants
- Textile auxiliaries

PACKAGING OPTIONS

1. Drums

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