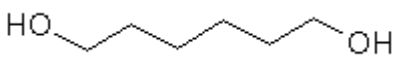
1,6-Hexanediol (HDO®)

Flakes

Technical Data Sheet

July 2009

Formula ..... $C_6H_{14}O_2$
Molecular Weight 118.2
PRD Number 30036627
CAS Registry Number 629-11-8



Product Specifications	Value	Test Method
Assay, % minimum	96.0	GC
Hexanediols, % minimum	99.0	GC
Cyclohexandiols, % maximum	3.0	GC
Acid number, mg KOH/g maximum	0.1	DIN EN 3682
Water, % maximum	0.3	DIN 51 777
Color, APHA maximum	15	DIN EN 1557

Physical Properties	
Melting temperature, ºC	40-42
Boiling temperature, ºC	253-260
Bulk density @ 20ºC, kg/m^3	530
Flash point, ºC	147
Ignition temperature, ºC	320

Description

1,6-Hexanediol (HDO) flakes are a colorless, odorless solids or molten masses. It is miscible in water in all proportions and soluble in ethanol.

Synonyms

Hexane-1,6-diol

Safety

Always refer to the Material Safety Data Sheet (MSDS) for detailed information on safety.

Applications

Intermediate used in the production of:

- Acrylates
- PCD
- Paint industry
- Plasticizer
- Polyesterpolyol
- Polyurethane-adhesives
- TPU

Packaging

Available in bags.

Storage & Handling

HDO flakes have a shelf life of 12 months in unopened, original containers and kept at 20ºC. It must be protected from fire and sources of ignition.

Always refer to the Material Safety Data Sheet (MSDS) for detailed information on handling and disposal.

Contact us:

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Chemicals

BASF Corporation