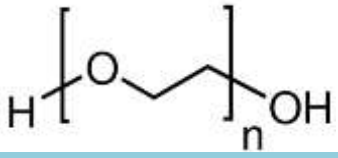
CDH

Product Specification

cdhfinechemical.com

POLYETHYLENE GLYCOL 6000 FLAKES/POWDER

PRODUCT CODE	**029577**
SYNONYMS	**(PEG 6000)**
C.I. NO.	**-**
CASR NO.	**[25322-68-3]**
ATOMIC OR MOLECULAR FORMULA	**$H(OCH_2CH_2)_n OH$**
ATOMIC OR MOLECULAR WEIGHT	**Average 5000-7000**
PROPERTIES	**Heat- stable, Combustible.**



PARAMETER	**LIMIT**
Description	White to creamy white waxy-like solid or flakes.
Solubility	10% solution in water is clear not more than 20 Hazen unit in colour .
Identification	Passes tests.
Appearance of solution.	Passes test
pH (of 5% solution in water)	4.5 - 7.5
Viscosity (50% in water)	200 -270 mPas
Hydroxyl value	16 – 22
Melting Point	56 – 60^{0}C
Average molecular weight	5000 - 7000
MAXIMUM LIMIT OF IMPURITIES	
Moisture (by KF)	2.0%
Acidity / Alkalinity	Passes tests
Arsenic (As)	0.0003%
Heavy metals (as Pb)	0.0005%
Sulphated ash.	0.1%
Dioxane (GC)	0.001%
Reducing substance	Passes test.

Note(s) :Assay (if applicable) method mentioned.

WARNING
Hazard statements: Not hazardous. No hazards.
Precautionary statements
Prevention: ----------
Response: ----------

Disposal:--------

IMDG Code : --
UN No. : --
IATA : --

Hazard Pictogram(s) :----------

Replace Date 28-AUG-2023