



Product Specification

cdhfinechemical.com

POLYETHYLENE GLYCOL 4000 FLAKES/POWDER

PRODUCT CODE	029576	
SYNONYMS	-	
C.I. NO.	-	
CASR NO.	25322-68-3	
ATOMIC OR MOLECULAR FORMULA	H(OCH₂CH₂)_nOH	
ATOMIC OR MOLECULAR WEIGHT	Average 3500-4500	
PROPERTIES	Heat- stable, Combustible.	
PARAMETER	LIMIT	
Description	A white to creamy white waxy like solid or flakes.	
Solubility	10% solution in water is clear NMT 20 Hazen unit in colour	
Melting Point	57 - 63°C	
Viscosity of 25% aqueous solution at 20°C	9 -15 cS	
Hydroxyl value	25 – 32	
Average molecular weight	3500 - 4500	
MAXIMUM LIMIT OF IMPURITIES		
Acidity (as acetic acid)	0.05%	
Arsenic (As)	0.0003%	
Heavy metals (as Pb)	0.0005%	
Sulphated ash.	0.1%	
Moisture (by KF)	2.0%	
Note(s) : Assay (if applicable) method mentioned.		
WARNING		IMDG Code :-- UN No. :-- IATA :--
Hazard statements: Not hazardous. No hazards.		
Precautionary statements		
Prevention: -----		
Response: -----		
Disposal:-----		
Hazard Pictogram(s) :-----		

Replace Date 20-07-2020