



Product Specification

cdhfinechemical.com

BENTONITE MEETS TO IP TESTING SPECIFICATIONS

PRODUCT CODE	P04405
SYNONYMS	—
C.I. NO.	—
CASR NO.	1302-78-9
ATOMIC OR MOLECULAR FORMULA	$\text{Al}_2\text{O}_3 \cdot 4\text{SiO}_2 \cdot \text{H}_2\text{O}$
ATOMIC OR MOLECULAR WEIGHT	360.31
PROPERTIES	--
PARAMETER	LIMIT
Description	Almost white to pale buff fine powder.
Solubility	Insoluble in water but swells into a homogenous mass.
Identification	A gelatinous precipitate is produced
pH of (2% suspension in water)	9.0 – 10.5
Swelling power	24 ml
MAXIMUM LIMIT OF IMPURITIES	
Loss on drying (at 105°C)	15.0%
Sedimentation value	2 ml
Heavy metals	50 ppm
Microbial contamination	1 g is free from Escherichia coli
Note(s) : Assay (if applicable) method mentioned.	
WARNING	IMDG Code : --
Hazard statements: Not hazardous. No hazards.	UN No. : --
Precautionary statements	IATA : --
Prevention: -----	
Response: -----	
Disposal:-----	
Hazard Pictogram(s) :-----	