Deosen Biochemical(Ordos) Ltd.

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Zibozan® HV Specification

Zibozan® HV – High viscosity oildrilling grade Xanthan Gum

DESCRIPTION:

Zibozan® HV is high viscosity industrial xanthan gum biopolymer that gives high viscosity build at low shear rates. It can be utilized as a viscosifier in oilfield drilling, workover and completion fluids. It is a high molecular weight polysaccharide produced by fermentation of corn starch and beans protein with *Xanthomonas Campestris.*

SPECIFICATION:

Properties	Specifications
Appearance	cream colored powder
Guar,starch&its derivatives	negative
pH (1% solution)	5.5-8.0
Rheology (0.28% Solution in Seawater)	600rpm : Not less than 75 300rpm : Not less than 55 200rpm : Not less than 45 100rpm : Not less than 35 6rpm : Not less than 17 3rpm : Not less than 16
LSRV	Min 1950cp
Loss on Drying	max.13%
Particle Size	100% through 28mesh(600 μm.) min 95% through 42mesh(355 μm) Max 50% through 200mesh(75 μm)

PACKAGE:

cardboard drum or paper bag or paper valve bag, net weight 25kg or required by customer.

STORE:

Sealed and stored in cool, dry conditions.

SHILF LIFE:

It is 24 months in above conditions.

QUALITY ASSURANCE:

Zibozan®HV production is controlled under certified quality system by ISO9001

CERTIFICATION:

ISO9001

REGULATORY COMPLIANCE: API, ISO13500