



## Zibozan® DHV PLUS Specification

**Ziboxan® DHV PLUS** - Extremely higher viscosity & dispersible oildrilling grade Xanthan Gum

### DESCRIPTION:

**Zibozan® DHV PLUS** is higher viscosity dispersible xanthan gum biopolymer that gives extremely 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   |
|---------------------------------------|--|
| Guar, starch&its derivatives          | negative   |
| Appearance                            | cream colored powder   |
| pH (1% solution)                      | 5.5-8.5  |
| Rheology (0.28% Solution in Seawater) | 600rpm : Not less than 77<br>300rpm : Not less than 57<br>200rpm : Not less than 47<br>100rpm : Not less than 37<br>6rpm : Not less than 22<br>3rpm : Not less than 20 |
| Lsvr                                  | Min 1950   |
| Loss on Drying                        | max.13%  |
| Particle Size                         | 100% through 28mesh(600 μ m.)<br>min 95% through 42mesh(355 μ m)<br>Max 50% through 200mesh(75 μ m )   |
| Dispersibility                        | no lumps   |

### 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®DHV PLUS production is controlled under certified quality system by ISO9001

### CERTIFICATION:

ISO9001

**REGULATORY COMPLIANCE:** API, ISO13500