

**NISOC SPECIFICATION
DRILLING FLUIDS PRODUCT DATA**
XC - POLYMER
Product Description :

Xanthan Gum is a high molecular weight polysaccharide. It is produced by fermentation of bacterium *Xanthomonas Campestris*.

Provides higher than expected viscosity in combination with guar gum.
Dissolves in acid and bases.

Application:

- Viscosifier .
- Shear thinning.
- Fluid- loss control .
- Suspending agent .

Typical Physical Properties :

MUD SAMPLE				
COMPOSITION	1	2	3	
FW ML	350	-	259	
S.S.W ML	-	350	-	
CaCl ₂ (POW) GR	-	-	202	
XC POLYMER GR	2	2	2	
LIME SOLUTION, DROP GR	Few	Few	Few	
pH	9-9.5	9-9.5	9-9.5	
MW PCF	62.4	75	82±	

TEST RESULTS AFTER ROLLING AT 250 F FOR 4 HRS. RHEOLOGY AT 140 F				
RESULTS	REQ	REQ	REQ	
APP. VIS. CPS MIN.	18	29	26	
Y.P (MIN.) LBS/100FT ²	20+	25+	40+	
GELS. LBS/100FT ²	7/9	9/13	4/7	
pH	7+	8+	6+	
API. W.L ML MAX	28	12	10	
SEDIMENTATION NIL	NIL	NIL	NIL	

XC-POLYMER Continue:

Recommended Treatment:
Source :

KPA

Packaging :

Packed in 25 Kg craft paper bags with PE liner inside, palletized, shrinkwrapped and strapped.

Marked on : *Name of manufacturer, Batch No. and Production date.*

Safety Handling:

- No risk to environment.
- Avoid breathing or contact with skin or eyes.
- Store in cool, dry place in tightly closed container.

