

**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 :

<i>MUD SAMPLE</i>				
<i>COMPOSITION</i>		<i>1</i>	<i>2</i>	<i>3</i>
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±

<i>TEST RESULTS AFTER ROLLING AT 250 F FOR 4 HRS. RHEOLOGY AT 140 F</i>				
<i>RESULTS</i>		<i>REQ</i>	<i>REQ</i>	<i>REQ</i>
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

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.



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