

Technical Data Sheet of

Xanthan Gum, oil drilling grade

COMMERCIAL NAME:	<i>Xanthan Gum</i>	FORMULA:	<i>N/A</i>
SYNONYM:	-----	CAS No.:	<i>11138-66-2</i>

SPECIFICATIONS	
APPEARANCE: <i>Cream-white powder</i>	
Particle Size:	<i>40-60mesh</i>
Loss on drying:	<i>6-16%</i>
Ashes:	<i>13%max</i>
Viscosity(1% KCL, cps):	<i>1350 min</i>
Shearing Ratio:	<i>6.0 min</i>

Rheologic Measurement						
Rate	600rpm	300rpm	200rpm	100rpm	6rpm	3rpm
Standard	75-110	55-120	45-100	35-90	15-40	>12.5

PACKING:
<i>25kg/bag</i>
<i>(Max. 800bags/20MT in 1x20'FCL)</i>

Application:

The Oil Drilling Grade Xanthan Gum has an excellent tolerance to the changes of temperature, acid, alkaline and salt. It can obviously increase the mud's penetrating ability and the ability to suspend small solid materials, and reduce the pressure loss in drilling, fasten the well bore, decrease the damage to the oil bearing reservoir. To add slowly through filler to avoid agglomerating, the suggested ratio is 0.3-1.2%

STORE:

in well sealed containers, and in cool(preferably < 25 °C) and dry places.