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XANTHAN GUM

Xanthan Gum is a high molecular weight polysaccharide produced by fermentation of a carbohydrate with *Xanthomonas campestris*. It is soluble in cold or hot water, but not soluble in organic solvent. It can be used as a thickener or a stabilizer and rheology control agent for food, pharmaceutical, toothpaste, especially at cosmetic and oil drilling applications widely.

Xanthan gum (DEO-VIS) / Oil drilling grade

As the natural viscosifier with outstanding rheological behavior, xanthan gum is widely used as additive to oil drilling mud, fracturing and oil-displacing agent.

ITEM	STANDARD
Appearance	Cream Colored Free Flowing Powder
Particle Size (mesh)	40/80
Loss on Drying	≤13.00%
PH (1% Solution)	6.00-8.00
Viscosity (1% KCL Solution, cps)	≥1200
Ashes (%)	≤15.00
Rheological Properties (0.285% XG in Seawater.)	
600 Rpm	Not Less Than 75
300 Rpm	Not Less Than 55
200 Rpm	Not Less Than 45
100 Rpm	Not Less Than 35
6 Rpm	Not Less Than 18
3 Rpm	Not Less Than 16
Brookfield LV,1.5rpm (mPa.s)	Not Less Than 1950

