



EcoOilField-G-1000-4000

Xanthan Gum

Chemical Name: Xanthan Gum

Brand Name: EcoOilField G-1000 G-2000, G-3000, G-4000

CAS NO.: 11138-66-2

Application:

Xanthan gum is a high molecular weight polysaccharide. It is produced by fermentation of carbohydrate with *Xanthomonas campestris*. Xanthan gum has a special molecular structure. It has many special characteristics in application. It is used as a rheology control agent in aqueous systems and as a stabilizer for emulsions and suspensions. Its numerous areas of applications cover a broad spectrum and range from the food industry to oil drilling.

Technical Data Sheets

EcoOilField G-1000

Properties	Specifications	
Appearance	White to Yellow Free-Flowing Powder	
Viscosity (1% KCl solution, cP)	2!: 1200	
Shearing Ratio	2!: 6.5	
Loss on Drying (%)	\$ 14	
pH	5.0 - 8.5	
Density (kg/L)	2!: 0.3	
Halotolerancy (Fann 35SA)	600rpm	2!: 75
	300rpm	2!: 55
	200rpm	2!: 45
	100rpm	2!: 35
	6rpm	2!: 15
	3rpm	2!: 12.5

EcoOilField G-2000

Properties	Specifications	
Appearance	White to Yellow Free-Flowing Powder	
Viscosity (1% KCl solution, cP)	2!: 1200	
Shearing Ratio	2!: 6.5	
Loss on Drying (%)	\$ 14	
pH	5.0 - 8.5	



Density (kg/L)	2!: 0.3	
Halotolerancy (Fann 35SA)	600rpm	75
	300rpm	55
	200rpm	45
	100rpm	35
	6rpm	15
	3rpm	12.5

EcoOilField G-3000

Properties	Specifications	
Appearance	White to Yellow Free-Flowing Powder	
Viscosity (1% KCl solution, cP)	1200	
Shearing Ratio	6.5	
Loss on Drying (%)	S 14	
pH	5.0 - 8.5	
Density (kg/L)	0.3	
Halotolerancy (Fann 35SA)	600rpm	75
	300rpm	55
	200rpm	45
	100rpm	35
	6rpm	18
	3rpm	16

EcoOilField G-4000

Properties	Specifications	
Appearance	White to Yellow Free-Flowing Powder	
Viscosity (1% KCl solution, cP)	1200	
Shearing Ratio	6.5	
Loss on Drying (%)	S 14	
pH	5.0 - 8.5	
Density (kg/L)	0.3	
Halotolerancy (Fann 35SA)	600rpm	75
	300rpm	55
	200rpm	45
	100rpm	35
	6rpm	22
	3rpm	20