



TEXAN ORGANICS LLC

5900 Balcones Drive #27278, Austin, TX 78731

Phone: (281) 595-9220 Email: info@texanorganics.com

PRODUCT DATA SHEET TEXAN ORGANICS GUAR GUM

PRODUCT DESCRIPTION

Texan Organics Guar Gum is fast-hydrating natural guar gum, a carbohydrate derived from beans with excellent thickening and stabilizing properties. Texan Organics Guar Gum has excellent properties that enable both batch mixing and on-the-fly. This product has high quality and high purity that can be used for fracturing fluid applications with lower polymer loadings, fewer impurities deposited at down-hole, and higher retain permeability wells to increase Oil and gas production.

APPLICATIONS

- Texan Organics Guar Gum is used as an additive in oil drilling to build high viscosity quickly.
- Texan Organics Guar Gum is used as an emulsifier and thickening agent in grease and lubricant production.
- Texan Organics Guar Gum helps to reduce friction in the holes, and so minimizing power requirements.
- Texan Organics Guar Gum is widely available and can be sold in a slurry form in various base oils including mineral oils or synthetic oils.

SPECIFICATIONS:

Physical & Chemical	Minimum	Maximum
Grade	CAS# 9000-30-0	
Moisture	1 %	4 %
Odor (Typical)	Nearly Odorless	-
Powder Color (Visual)	Creamy White	-
Texture (Qualitative)	Free Flowing Powder	-
Gum Content	80%	100%
Ash Content	0%	1%
Acid Insoluble Residue	0%	3%
pH (Viscosity Solution)	5.5	7.0
Particles retained over 100 mesh sieve (%)	Nil	-
Particles pass through 200 mesh sieve (%)	99.27%	-
Particles pass through 300 mesh sieve (%)	80.67%	-
Viscosity of 1% solution at 25°C, Brookfield after 2 hrs (cP)	5500 cP	7000 cP
Shelf Life	36 Months <i>(It should be stored in a dry place and the storage temperature is 0°C to 35°C, away from direct sunlight and moisture)</i>	

TEST METHOD BY INDEPENDENT LABORATORY:

Hydration Viscosity by Fann, 300 rpm at 25 °C (500gm DM Water + 10 gm KCl +2.4 gm Guar Powder).

GGP mixing in Waring Blender at 1500 rpm for 2.5 min

PACKAGING:

JUMBO BAGS WEIGHING 2000 LBS.



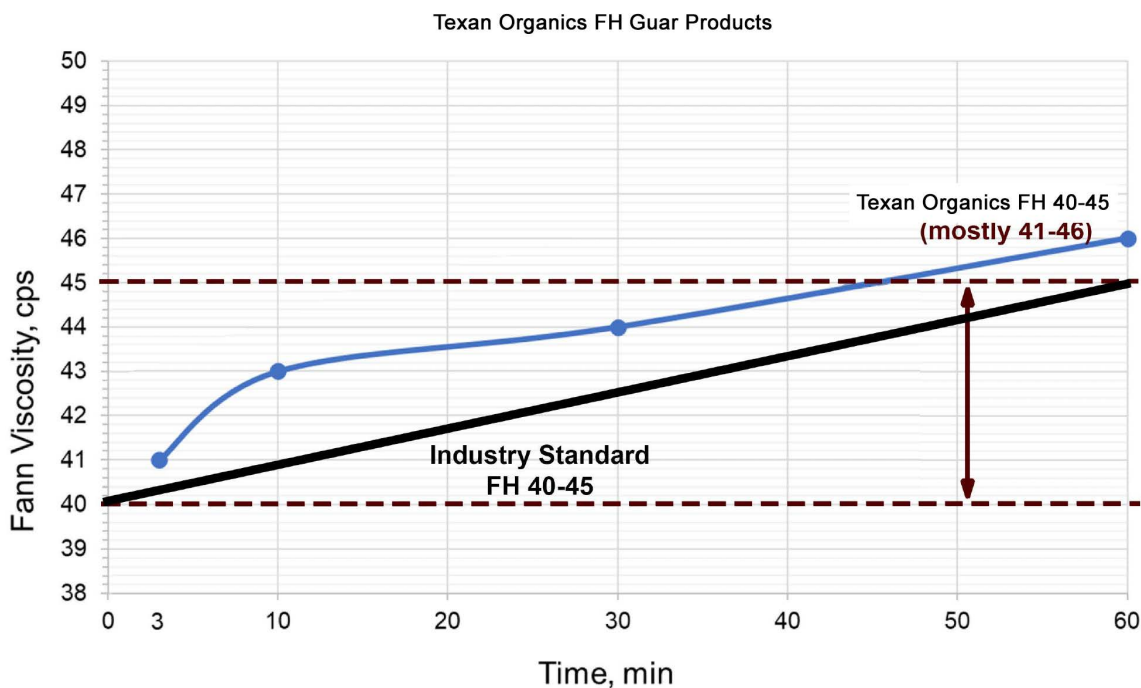
TEXAN ORGANICS LLC

5900 Balcones Drive #27278, Austin, TX 78731

Phone: 713-294-4180 Email: info@texanorganics.com

PERFORMANCE & RESULTS:

Figure 1. Texan Organics Guar Gum performance in 2% KCL solution at room temperature



Each incoming product lot is extensively tested

All Texan Organics Guar Gum powder performance is guaranteed to be at minimum 40/45 cPs.

ALL Texan Organics Guar Gum POWDER PRODUCTS OFFER UNPARALLEL VALUE TO THE INDUSTRY.