



Texan Minerals and Chemicals

14090 Southwest Freeway, Suite 310, Sugar Land, TX 77478

Phone: 713-294-4180 Email: Mani@TMCgreen.com



PRODUCT DATA SHEET TEXAN READY GUAR GUM

PRODUCT DESCRIPTION

Texan Ready Guar Gum® is fast-hydrating natural guar gum, a carbohydrate derived from beans with excellent thickening and stabilizing properties. Texan Ready 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 Ready Guar Gum® is used as an additive in oil drilling to build high viscosity quickly.
- Texan Ready Guar Gum® is used as an emulsifier and thickening agent in grease and lubricant production.
- Texan Ready Guar Gum® helps to reduce friction in the holes, and so minimizing power requirements.
- Texan Ready 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 sieves (%)	Nil	-
Particles pass through 200 mesh sieves (%)	99.27%	-
Particles pass through 300 mesh sieves (%)	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.



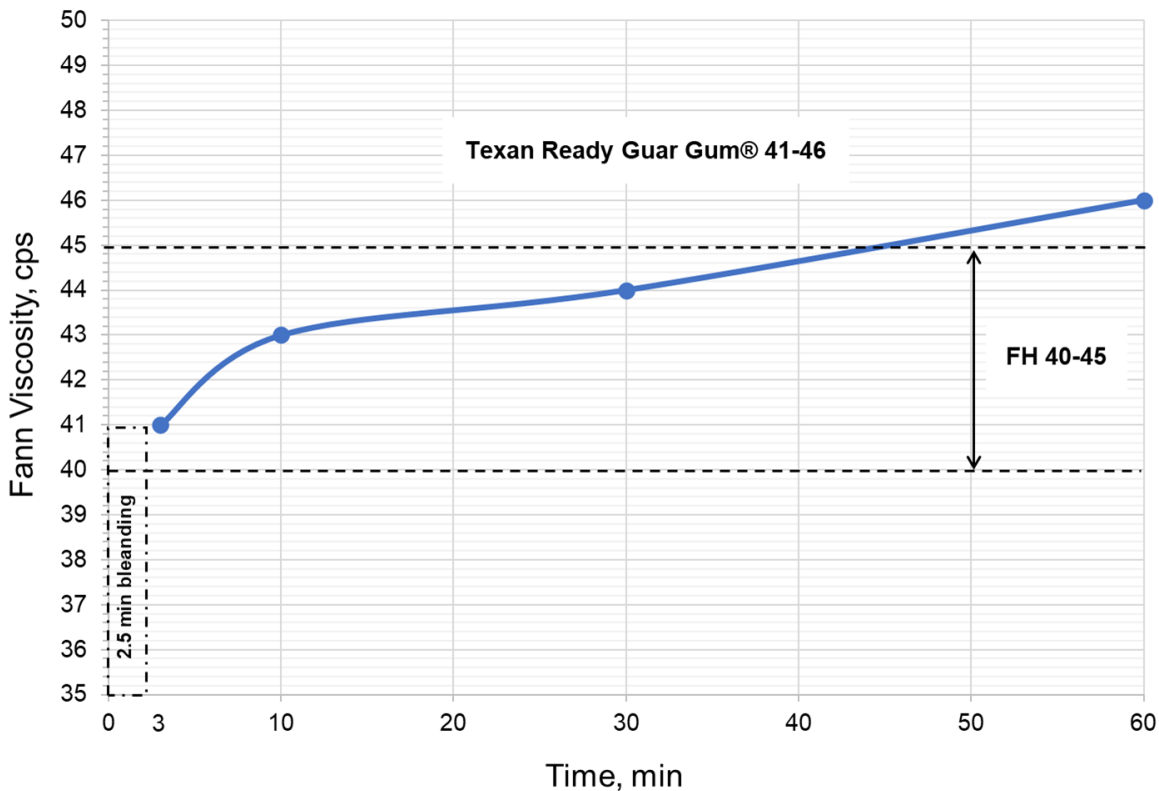
Texan Minerals and Chemicals

14090 Southwest Freeway, Suite 310, Sugar Land, TX 77478
Phone: 713-294-4180 Email: Mani@TMCgreen.com



PERFORMANCE & RESULTS:

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



OTHER PRODUCTS:

- CMHPG
- BLENDING OF OTHER GUMS
- WELLSITE PNEUMATIC DELIVERY
- SLURRY AVAILABLE UPON REQUEST

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof Texan Minerals and Chemicals, assumes no responsibility for personal injury or property damage to vendees, users or third parties caused by the material. Such vendees or users assume all risks associated with the use of the material.