

### Fast Hydration Grade - 200 Mesh

Guar Gum FHG (Fast Hydration Grade) is provided in choice of 3 viscosity ranges, as a white or creamy off-white homogeneous powder, and consists of high-molecular weight polysaccharide, composed of galactose and mannose units. It can be described as a galactomannan. Guar FHG is dispersible in hot or cold water. FHG grade is specifically designed for Oil Field applications, with its high viscosity and rapid hydration.

Specification	
Appearance	Off white to pale yellow powder
Moisture	6.0% max
Protein	4.50% max
R.I.A. (Residue, Insoluble, Acid)	2.50% max
Brookfield viscosity, 1% solution, 25° C, Spindle No. 3 RPM 4. 20	8000-8500 cps
Particle Size: Through 200 mesh	97.0% min
pH	5.5 - 7.0
VISCOSITY, FANN (CPS)	60 sec at 2000 rpm
3 minute	27.0 min
5 minute	30.0 min
10 minute	33.0 min
1 hour	39.0 min
Ash Total	1.50% max.

**PACKAGING:** 25Kg paper bag; 18 MT/20'FCL palletized, or 20 MT loose basis.900 Kg super sacks; 18 MT/20'FCL palletized.

Uses: FHG grade guar gum powder is used in oil well fracturing, oil well stimulation, mud drilling and industrial applications and preparations as a stabilizer, thickener and suspending agent.

This information is based on our present state of knowledge and is intended to provided general note on our products and their uses. It should not therefore be construed as guaranteeing specific properties of the products described or their suitability for a particular application. Any exiting industrial property rights must be observed.