

Forum Chemical Technical Specification Sheet

GG-FH45

(High performance Guar)

GG-FH45 is an ultra-clean, fast-hydrating natural guar gum for fracturing fluid and other similar applications. It has excellent hydration properties that enable for both batch mixing and on-the-fly addition. The high quality and high purity of this product means that both lower polymer loadings can be achieved, and fewer impurities are deposited down-hole, both resulting in cleaner, higher permeability wells.

BOTANICAL NAME	CYAMOPSIS TETRAGONALOBUS
APPEARANCE	CREMISH WHITE TO YELLOW BEIGE COLOR
ODOUR	ODOUR UNOBJECTIONABLE
PHYSICAL PROPERTIES:	
MOISTURE	7 PCT MAX
PH	6.5-7.5
VISCOSITY ON FANN 35SA VISCOMETER	INSTRUCTIONS:
3 MIN - 40 CPS MINIMUM 10 MIN- 42 CPS MINIMUM 60 MIN- 45 CPS MINIMUM	Viscosity on the FANN 35 was determined by hydrogenation of 2.40 g powder in 500 ml of deionized water in a Waring blender at a frequency of rotation of 1500 rpm for 2 minute and 50 seconds followed by measurement of a FANN viscometer 35, with rotational speed 300 rpm
<u>BROOKFIELD VISCOSITY (2 Hours)</u>	<u>7500-8500 Cps</u>
PASSING THROUGH 200 MESH	MINIMUM 95 PCT
<u>PACKING INSTRUCTIONS:</u>	
PACKING	AS PER REQUIREMENT
SHELF LIFE	1 YEAR FROM THE DATE OF MANUFACTURE
STORAGE	KEEP UNDER DRY CONDITIONS, MUST AVOID CONTACT WITH WATER