



Chemtotal Pty Ltd.
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D.Col –FHG280

Fast Hydrating Guar Gum

D.Col –FHG280 is an ideal rheology modifier for Oil Field Applications. It is fast hydrating fine mesh guar gum that yields very high viscosity of above 8000 cps in 1% concentration after two hours. Its use is recommended for Industrial applications where fast hydration and high terminal viscosity in a shorter period is needed.

Physical properties

Appearance	Fine Off white (Creamish)
Odour	Odorless to very bland
Solubility	Easy soluble in Cold Water
Particle size	200 mesh
Texture	Free flowing powder
Viscosity of 1% paste	8000 cps - 8500 cps

Typical Chemical Properties

Moisture	10 % max
Ash content	1.2 % max
Protein	3.5% max
Acid insoluble Matter	2.5% max
Lead	10 PPM Max.
PH	Neutral
Gum contents	89% minimum.
Arsenic	03 PPM Max



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Microbiological Analysis

Non Pathogenic Bacteria	10,000 gm. Max.
Pathogenic Bacteria	Nil
Pseudomonas	Nil
Shigella	Nil.
Salmonella	Nil
E.Coil	Nil

Polymer Loading

Fann 35 Viscosity @ 511/sec

	30 PPT	40 PPT
3 Min Viscosity (cPS)	38	40
10 Min Viscosity (cPS)	42	44
60 Min Viscosity (cPS)	45	46

Packaging *

25 Kg Multi wall paper bags with poly liner.

500/600/1000 Kg Jumbo Bags (HDPE Woven)

Storage

D.Col –FHG280 should be stored in cool and dry place, away from direct sun light. The shelf life of product is 6-8 Months from the date of manufacturing. Product should **not** be left open.

* Custom Packaging available.