

# WELCOME



We specialize in sourcing and providing high-quality Guar Gum Powder tailored to meet the diverse needs of various industries. With extensive experience and the necessary licenses, we ensure that our products meet stringent quality standards, providing consistent and reliable supply for all your needs.

## GUAR GUM POWDER FOR MULTIPLE INDUSTRIES

Our Guar Gum Powder is versatile and used across various industries, including food, pharmaceutical, personal care, oil and gas, textile, and paper industries. Below are the detailed specifications and applications for each industry.

## CONTACT US

### Get in Touch

We would love to discuss how we can meet your Guar Gum Powder needs. Please contact us to learn more about our products and services.

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## DETAILED APPLICATIONS

01.

### Food Industry Applications:

- Ice Cream/Dairy Products: Acts as a texturizer and stabilizer.
- Bakery Products: Used as an improver for dough consistency.
- Confectioneries: Stabilizes and improves texture.
- Noodles: Enhances texture and consistency.
- Beverages: Functions as a stabilizer.

02.

### Cosmetics and Pharmaceuticals:

- Creams and Lotions: Used as a thickener and stabilizer to improve texture and consistency.
- Shampoos: Enhances the quality and performance as an emulsifier and stabilizer.

03.

### Oil Field:

- Guar Gum is used in oil well drilling and fracturing. It serves as a surfactant, synthetic polymer, and defoamer.

04.

### Textiles:

- Used for sizing, finishing, and printing, enhancing the quality and performance of textile products.

05.

### Paper:

- Acts as a bonding agent, enhancing the strength and durability of paper products.



## Technical Specifications Table

Industry	Grade & Mesh	Viscosity (cps)	Applications	Additional Properties
Food	100 mesh	Various (3500-6500)	Ice cream, bakery, confectionery, noodles, beverages	Thickener, stabilizer, texturizer
Food/Industrial	200 mesh	3500-4000	Various food and industrial applications	High viscosity, stabilizer, thickener
Food/Industrial	200 mesh	4000-4500	Various food and industrial applications	High viscosity, stabilizer, thickener
Food/Industrial	200 mesh	5000-5500	Various food and industrial applications	High viscosity, stabilizer, thickener
Food/Industrial	200 mesh	5500-6000	Various food and industrial applications	High viscosity, stabilizer, thickener
Food/Industrial	200 mesh	6000-6500	Various food and industrial applications	High viscosity, stabilizer, thickener
Industrial	300 mesh	Various	Oil-well fracturing, oil well stimulation, mud drilling	Surfactant, synthetic polymer, defoamer
Textile	100 mesh	Various	Sizing, finishing, and printing	Improves quality and performance of textiles
Paper	100 mesh	Various	Bonding agent in paper products	Enhances strength and durability
Cosmetic/Pharma	100 mesh	Various	Creams, lotions, shampoos	Thickener, stabilizer, emulsifier

## Food Grade (INS 412)

[illegible]

## Technical Grade

Quality	2500-3000	3000-3500	4000-4500	5000-5500	5500-6000	6000-6500	6500-7000	7000-7500
Technical specification								
Appearance	cream/pale white powder	cream/pale white powder	cream/pale white powder	cream/pale white powder	cream/pale white powder	cream/pale white powder	cream/pale white powder	cream/pale white powder
Odour	natural	natural	natural	natural	natural	natural	natural	natural
Gum Content (%)	more than 78%	more than 78%	more than 78%	more than 80%	more than 80%	more than 80%	more than 80%	more than 80%
Moisture (%)	less than 12%	less than 12%	less than 12%	less than 12%	less than 12%	less than 12%	less than 12%	less than 12%
Particle Size & Granulation								
Through 200 mesh	95-99%	95-99%	95-99%	95-99%	95-99%	95-99%	95-99%	95-99%
Viscosity								
After 2 hours	2500 CPS	3000 CPS	4000 CPS	5000 CPS	5500 CPS	6000 CPS	6500 CPS	7000 CPS
After 24 hours	≥2500 CPS	≥3000 CPS	≥4000 CPS	≥5000 CPS	≥5500 CPS	≥6000 CPS	≥6500 CPS	≥7000 CPS

## FAST HYDRATION

Product Code	APAPL/FH/3542	APAPL/FH/4045	APAPL/FH/4246
Technical Specifications			
Gum Content (%)	82 min	82 min	82 min
Moisture (%)	7-8 max	7-8 max	7-8 max
Ph Levels	7.0-8.0	7.0-8.0	7.0-8.0
Ash Content (%)	1% max	1% max	1% max
Appearance	white/pale yellow	white/pale yellow	white/pale yellow
Time	APAPL/FH/3542	APAPL/FH/4045	APAPL/FH/4246
FANN Viscosities (CPS)			
3 minutes	35-36 min	40-41 min	42-43 min
60 minutes	36-38 min	41-42 min	43-44 min
120 minutes	40-42 min	40-45 min	42-46 min

Fast Hydration Guar Gum Powder is widely used in oil and gas exploration and drilling. It acts as a versatile thickener and stabilizer, enhancing drilling fluid performance in both water and brine environments. By reducing friction and improving drilling efficiency, it helps optimize the drilling process.

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