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GUAR GUM POWDER
Technical Data Sheet

Product Identification

Product Name : Guar Gum Powder
Chemical Name : Guar Gum
Synonyms : Guaran, Guar Flour
CAS No : 9000-30-0

Product Description

Guar Gum Powder is a natural hydrocolloid obtained from the endosperm of guar seeds. It is widely used as a thickening, stabilizing, emulsifying, and water-binding agent in various industrial applications including food, pharmaceuticals, textile printing, oil drilling, paper, cosmetics, and animal feed industries.

Specifications

Sr No.	Parameters	Specification
01	Appearance	Off-white to cream powder
02	Odor	Characteristic
03	Particle Size	100 / 200 Mesh
04	Moisture Content	Max. 12%
05	pH (1% Solution)	5.0 – 7.0
06	Viscosity (1% Solution)	30 Minutes 3500-4000 cps 2-hour 5200-5600 cps 24-hour 5600-6100 cps
07	Ash Content	Max. 1.5%
08	Protein Content	Max. 5%
09	Insoluble Matter	Max. 2%
10	Bulk Density	0.50 – 0.90 g/cm³
11	Solubility	Soluble in cold water

Applications:

Food Industry: Ice cream, Bakery products, Sauces and dressings, Dairy products, Processed foods

Oil & Gas Industry: Drilling mud additive, Hydraulic fracturing fluid, Viscosifier

Textile Industry: Textile printing thickener, Dye paste formulations

Pharmaceutical Industry: Tablet binder, Disintegrant, Suspending agent

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Cosmetic Industry: Creams, Lotions, Shampoos, Toothpaste
Paper Industry: Surface sizing, Strength improvement

Storage & Handling:

- Store in cool, dry and ventilated place.
- Keep container tightly closed.
- Protect from moisture and direct sunlight.
- Avoid dust formation during handling.

Packing:

- 25 Kg HDPE Bags with liner
- Multiwall Paper Bags
- Jumbo Bags

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