



Technical Data Sheet (TDS) — Guar Gum Products

Marwal Group · Global Exporter of Industrial & Commercial Grade Guar Gum · India

Master Specification Table

Parameter	Industrial Grade Powder	Fast Hydration Grade	Commercial Grade	Guar Meal (Korma/Churi)
Appearance	Off-white fine powder	Light yellowish fine powder	Light cream powder	Granular / Fine meal
Viscosity (1% Sol.)	5,000 – 7,500+ cps	5,000 – 6,500 cps (Fast)	3,500 – 5,000 cps	N/A
Particle Size	200 Mesh (98% min)	200 Mesh (98% min)	100 / 200 Mesh	Crude / Meal
Moisture Content	Max 10.0% – 12.0%	Max 10.0%	Max 12.0%	Max 10.0%
Protein Content	Max 5.0%	Max 4.5%	Max 6.0%	45% – 55% Crude Protein
pH Range	5.5 – 7.0	5.5 – 7.0	5.0 – 7.5	Neutral

Viscosity: 1% solution, Brookfield RVT, 20 RPM at 25°C (fast hydration grade: 3-minute reading). Customised viscosity (e.g. 4,000–8,000 cps) and mesh sizes available on request.

Product Grades

1. Industrial & Oil Drilling Grade Guar Gum Powder	Viscosity 5,000 to 7,500+ cps · 200 Mesh (98% passing) / 75 micron · Hydraulic fracturing (oil & gas), well drilling, mining and explosives · Rapid viscosity development with excellent thermal and shear stability.
2. Fast Hydration / Diesel Slurry Grade	80%–90% of peak viscosity within 3 to 5 minutes in cold water · 5,000 to 6,500 cps (3-minute reading) · Fracking slurries, cross-linked fluid systems and water-blocking gels.
3. Commercial & Technical Grade	3,500 to 5,000 cps · 100 to 200 Mesh · Textile printing & sizing, paper manufacturing (wet-end additive), soil stabilization and construction chemicals.
4. Refined Guar Splits & Guar Meal	Refined guar splits: 90%–95% purity, raw material for hydrocolloid extraction · Guar meal (toasted / churi / korma): 45%–55% crude protein, non-GMO animal and poultry feed.

Export Packaging & Container Logistics

- Standard bags: 25 kg multi-wall paper bags / woven HDPE bags with inner LDPE liner
- Jumbo bags: 500 kg to 1,000 kg FIBC bulk bags with bottom discharge spouts
- Palletization: ISPM-15 compliant fumigated wooden pallets, stretch-wrapped and strapped
- 20ft FCL: ~18 to 20 MT (palletized) / ~22 MT (unpalletized / loose stuffing)

Quality Control & Third-Party Inspection

- In-house checks for viscosity, particle size and moisture on every shipment
- Pre-shipment inspection and sampling via SGS, Intertek or Geo-Chem on request
- Certificate of Analysis (COA) for every lot, backed by sealed retention samples

Identifiers: HS 1302 32 30 (guar gum powder, treated & pulverised) · HS 1302 32 20 (refined guar splits) · HS 1302 32 10 (guar meal) · INS/E 412 · CAS 9000-30-0

Request a customized bulk quote (FOB / CIF / CFR): sales@marwalgroup.com · www.marwalgroup.com/guar-gum-products/

Typical values for guidance; the Certificate of Analysis issued for each lot is the binding specification.