

GUARAN CHEMICALS PRIVATE LIMITED

E-4/61, GROUND FLOOR, OPP. POST OFFICE, SECTOR-7, ROHINI
NEW DELHI-110085, INDIA

E-mail: info@guaranchem.com / www.guaranchem.com

Mobile # 09810382017, Off: 011-27042417

TECHNICAL SPECIFICATION DATA SHEET

GUAR 200 mesh 3500 cps

Guar 200 mesh 3500 cps seed gum is predominantly guar galactomannan consisting of high molecular weight hydrocolloid polysaccharide obtained from the endosperm of the legume seed *Cyamopsis tetragonolobus* – an annual plant of the arid and semiarid regions of the Indian subcontinent – by employing wet mechanical grinding technique. **Guar 200 mesh 3500 cps** is a fine mesh guar gum powder for food application. It is white to yellowish-white powder which is soluble in cold water. Its use may be recommended in variety of food applications, where ease of dispersion is required. When measure through Brookfield, Guar 200 mesh 3500 cps yield 3000-3500 cps viscosity in cold water system after hydration for 24 hours. Minimum product specification ensured by Guarant Chemicals is as under:

Viscosity Method:	Cold viscosity in demin water, 1% concentration, Brookfield rvt#4 w/w 20rpm at 25 degree C.
After 15 min	2900-3100 cps min
After 30 min	3000-3300 cps min
After 2 hours	3500-4000 cps min
After 24 hours	Minimum of 2 hrs value.

Granulation:	
- Over 100 astm	Traces
- Through 200 astm	97% min

Microbiological:	
- t.v.c.	5000/g max
- yeast/molds	500/g max
- e.coli	Negative/g
- salmonella	Negative/25g

Chemical Analysis:	
- moisture	8% min and max. 10%
- protein	5% max
- fats	0.5% max
- ash	0.8% max
- pH	5.5-7.0
- gum by difference	82% min
- starch	Absent
- a.i.r.	4% max

Nutritional values: per 100g	
Energy kJ/kcal	1453/347
- Carbohydrates g	86
- Out of which Sugar g	0
- Fats total g	0.5%
- Trans fatty acid g	<0.04
- Cholesterol g	0
- Protein g	3.5 to 5.0
- Dietary fibre g	86
- Sodium g	1.5 to 2.0
- Salt g	0

GUARAN CHEMICALS PRIVATE LIMITED

E-4/61, GROUND FLOOR, OPP. POST OFFICE, SECTOR-7, ROHINI
NEW DELHI-110085, INDIA

E-mail: info@guaranchem.com / www.guaranchem.com

Mobile # 09810382017, Off: 011-27042417

Chemical Analysis as per EU regulations for additives (EU)231/2012:	
- Organic peroxides	0.7% max meq of Active Oxygene per Kg sample
- Furfural	1% max ppm
- Pentachlorophenol (PCP)	0.01% max mg/kg
- Mercury	1% max ppm
- Cadmium	1% max ppm
- Arsenic	3% max ppm
- Lead	2% max ppm

We hereby confirm that Guar Gum Powder food grade produced by Guaran Chemicals confirming European Regulations E-412 parameters.

Packaging: 1. Open mouth four ply multiwall paper bags having food grade inner liner weighing 25 KGs net or 1000 KG big bags according to EG regulation 1935/2004 and with EG regulation 10/2011 and amendments.

Shelf Life: **HANDLING AND STORAGE**

1. Manufacturing date + 12 months under dry, cool (25+2⁰C) conditions of storage.
2. If required to store for a period of additional 6 months, the recommended storage temperature is <10⁰C.
3. Avoid the formation of dust and where necessary use mechanical dust extraction.
