

May 2014

Food Grade **ETS GelGum™ Guar Gum Specifications**

SPECIFICATION	ETS GelGum™ 3035-2	ETS GelGum™ 3540-2	ETS GelGum™ 4550-2	ETS GelGum™ 5055-2
GRADE	Food: 3000-3500 cPs / 200 Mesh	Food: 3500-4000 cPs / 200 Mesh	Food: 4500-5000 cPs / 200 Mesh	Food: 5000-5500 cPs / 200 Mesh
APPEARANCE	Fine Powder	Fine Powder	Fine Powder	Fine Powder
CHEMICAL ANALYSIS:	Max	Max	Max	Max
Moisture (%)	13.00	13.00	12.00	12.00
Ash (%)	1.50	1.50	1.50	1.00
Protein (%)	6.00	6.00	5.00	5.00
R.I.A. (%)	5.00	5.00	5.00	5.00
pH	5.50 - 6.50	5.50 - 6.50	5.50 - 6.50	5.50 - 6.50
Galactomanan	80.00	80.00	80.00	82.00
BROOKFIELD VISCOSITY: <i>Brookfield RVT Viscometer</i>	1% solution in cold water at 25 deg C Spindle No. 3 & 4, RPM 20			
Viscosity (cPs)	3000 - 3500	3500 - 4000	4500 - 5000	5000 - 5500
GRANULOMETRY:	Min	Min	Min	Min
Thru 200 Mesh (%)	95	95	95	95
FOOD GRADE MICROBIOLOGY:				
Total Plate Count	5000 max	5000 max	5000 max	5000 max
Yeast & Molds	500	500	500	500
Coliform	Neg.	Neg.	Neg.	Neg.
E-Coli	Neg.	Neg.	Neg.	Neg.
Salmonella	Neg.	Neg.	Neg.	Neg.
Aresenic	0.5 max	0.5 max	0.5 max	0.5 max
Total Heavy Metal	Less than 10 PPM	Less than 10 PPM	Less than 10 PPM	Less than 10 PPM
PACKAGING:	25 Kg Multiwall paper bags / HDPE / Paper laminated bags; 1000 Kg Big Bags, or per buyers request			

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