



Jai Bharat Polymers LLP

Dhani Ramjas Road, Siwani Mandi, Distt. Bhiwani, Haryana,

India – 127046 Contact Detail - +91-9813517673,

arjunkedia@jbgc.com , www.jbgc.com

Product Specification (200 Mesh 4000 cps) Food Grade

PARAMETERS	UNITS	MIN	MAX	TYPICAL VALUE
Einecs		232-536-0		
Molecular weight		50000-8000000		
Description		Off white odorless powder		
PURITY				
Loss on drying (125 2 Hours) C	% by weight	10	12	11.00 %
Ash (determined @ 800 C)	% by weight	0.70	1.0	0.85%
Acid Insoluble Matter	% by weight	1.0	3.0	2.05%
Protein (Nx6.25)	% by weight	3.5	5.0	4.22%
Gum Content /Galactomannans	% by weight	80.00	85.00	81.88%
Starch (1:10 solution)		Not Detected		
pH (1% paste)	pH	6.0	7.0	6.50
Heavy Metal	ppm	-	20	<16
VISCOSITY: - 1 % COLD (25 ° C) 2 min mixing in 1800 rpm				
Elapsed Time: Spindle No. 3, RPM 20, Brookfield Viscometer Model DV-E				
15 Min.	mpaes	3100	3500	3200
2 Hours	mpaes	4000	4200	4100
24 Hours	mpaes	4100	4300	4250
GRANULOMETRY				
Through 60 mesh	%	Pass	Pass	Pass
Through 100 mesh	%	Pass	Pass	Pass
Through 200 mesh	%	90	100	95
MICROBIOLOGY				
Total Plate Count	cfu/gm	1000	5000	1666
Yeast & Moulds Count	cfu/gm	100	500	166
Bacillus Cereus	cfu/gm	Negative	Negative	Negative
Coliform & E coli	cfu/ 10 gm	Negative	Negative	Negative
Salmonella	cfu/ 25 gm	Negative	Negative	Negative