



# Jai Bharat Polymers LLP

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## **Product Specification (200 Mesh 7000 cps) Food Grade**

PARAMETERS	UNITS	MIN	MAX	TYPICAL VALUE
Einecs	232-536-0			
Molecular weight	50000-8000000			
Description	Off white odorless powder			
<b>PURITY</b>				
Loss on drying (125 2 Hours) C	% by weight	4.00	8.00	5.00 %
Ash (determined @ 800 C)	% by weight	0.70	1.0	0.80%
Acid Insoluble Matter	% by weight	1.0	3.0	2.00%
Protein (Nx6.25)	% by weight	3.5	5.0	4.20%
Gum Content /Galactomannans	% by weight	85.00	92.00	88.00%
Starch (1:10 solution)	Not Detected			
pH (1% paste)	pH	6.0	7.0	6.40
Heavy Metal	ppm	-	20	<16
<b>VISCOSITY:- 1 % COLD (25 ° C) 2 min mixing in 1800rpm</b>				
<b>Elapsed Time: Spindle No. 4, RPM 20, Brookfield Viscometer Model DV-E</b>				
15 Min.	mpaes	6200	6500	6350
2 Hours	mpaes	7000	7200	7110
24 Hours	mpaes	7100	7400	7220
<b>GRANULOMETRY</b>				
Through 60 mesh	%	Pass	Pass	Pass
Through 100 mesh	%	Pass	Pass	Pass
Through 200 mesh	%	95	100	98.00
<b>MICROBIOLOGY</b>				
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