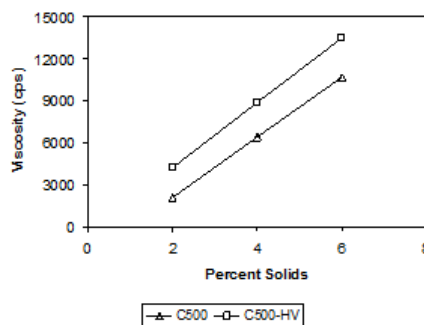


GlucoStar[®] C500-XP

Appearance

GlucoStar C500-XP is an off-white powder. Aqueous solutions are translucent and demonstrate excellent stability

Effect of Solids Concentration on Viscosity



Hydration

GlucoStar C500-XP hydrates quickly due to its powder form

Solution Preparation

GlucoStar C500-XP readily solubilizes in water. To avoid lumping of the polymer, preparation of aqueous solutions require the addition of C500-XP to the vortex of mechanically agitated water. Maintain agitation for a period of about 20 minutes to ensure separation and complete hydration of individual particles. Any agglomerates that initially form will break down with normal agitation

The character and amount of agitation required will vary with solids concentration of the polymer and water temperature. High solids and cold water make-up may necessitate longer agitation time.

Solution Preservation

The chemical substitution of GlucoStar C500-XP provides enhanced solution bio-stability. Extended storage of solutions could result in viscosity reduction due to microbial or enzymatic attack. Stored solutions should be protected by the use of a preservative. GlucoStar C500-XP is available with a preservative treatment.

Storage, Handling and Safety

Because of the hygroscopic nature of GlucoStar C500-XP, it is highly recommended that the material be stored in its original package in a dry facility. Shelf life can be affected by storage conditions such as temperature, humidity and overall surroundings of the storage area. A Safety Data Sheet is available from Chemstar and should be consulted prior to handling or use.

Availability

GlucoStar C500-XP is available in 44 lb multi-wall poly-lined paper bags for truckload and LTL shipments. For additional information, samples, or technical assistance in using GlucoStar or any other Chemstar product please contact 1-800-328-5037 or info@chemstar.com.



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TECHNICAL DATA SHEET



Typical Analysis

GlucoStar C500-XP	
Form	Powder
Viscosity (cP), 6% Solids LVT, 60 RPM, #4 Spindle	5,000 – 7,500
pH (6% Solids)	10.7 – 11.5
Percent Moisture (%)	10 max
Bulk Density (lb/ft ³)	35 – 45
Particle Size (% thru)	75 max (-) 180 micron
Insoluble Particles (%)	< 1
Ionic Character	Anionic

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