



MaxxLink® XLB 3000 Crosslinking Agent for Starch Adhesives

MaxxLink XLB 3000 is a liquid borate based crosslinker developed for starch-based adhesives used in corrugated containerboard. The chemical makeup of the starch polymer makes it a good adhesive, but for many industrial applications its tack is too slow and its viscosity too low. If starch is treated with a hot aqueous solution of soda ash or caustic soda plus a borate compound, extensive chemical changes are brought about. Linkages can be formed through the borate anion structure, resulting in a desirable modification of the starch's physical properties. It is the change to a more highly branched chain polymer with higher molecular weight that improves the viscosity, tack, and fluid properties of starch adhesives.

FEATURES

-  Simple to use; Eliminates borax preparation
-  Improved product consistency over powdered borax
-  Eliminates toxic dust and powder spills associated with borax
-  Economical, eliminates labor costs and time to prepare borax solution
-  Can be metered into starch cook
-  Non-hazmat lowers freight costs

TYPICAL PHYSICAL PROPERTIES

Form	Liquid
Solids	30 %
pH, 50g/l	7.5-9.0
Density, g/cm ³ @ 20°C	1.25
Solubility in water	Miscible

Application

Use levels for **MaxxLink BXL-3000** will depend on the final pH of the starch paste and gel point temperature. Suggested use levels for **MaxxLink BXL-3000**:

Verses Borax penta-hydrate – 3.15 lbs. **MaxxLink BXL-3000**/1.0 lbs. Borax
 Verses Borax deca-hydrate – 2.32 lbs. **MaxxLink BXL-3000**/1.0 lbs. Borax

Let MCTRON Technologies raise your expectations.

McTron Technologies, LLC Technical Support Team is available to provide assistance with the formulation of all our products to optimally suit your specific needs.

McTron Technologies LLC Guarantee

If any product is defective in workmanship or materials, McTron Technologies, LLC will replace the product, or refund the full purchase price. This warranty is in place of all other warrants, expressed or implied, and all implied warrants of a product for an intended use shall be solely up to the user. McTron Technologies, LLC assumes no liability for consequential damages. Its liability shall in no event exceed the purchase price of materials supplied by it.