

Technical Bulletin

ElasTechs 2312

DESCRIPTION

ElasTechs 2312 is a unique polymer for application as a warp sizing binder. The product may be used in conjunction with starch and starch derivatives for the sizing of cotton, polyester / cotton, polyester / rayon and other blended yarns to be woven on high speed weaving machines.

ElasTechs 2312 may be used to replace up to 100% of polyvinyl alcohol in warp sizing formulations. It contains no starch.

ElasTechs 2312 is an off-white powder polymer product containing synthetic polymers and synthetic lubricants.

BENEFITS

ElasTechs 2312 has the following beneficial characteristics.

- Highly Adhesive
- Forms Strong, Clear, Elastic Films
- Is Water Soluble
- Improves Weaving Performance
- Reduces Size and Fiber Shedding
- Can Replace Polyvinyl Alcohol

TYPICAL PROPERTIES

Color	Off-White
Texture	Powder
Ph	About 6
Moisture	About 5%
Viscosity, 10%	About 40 CPS
Solubility	Soluble

PREPARATION

ElasTechs 2312 is water soluble but should be cooked along with the starch product used in the sizing recipe. Because the product is water soluble, we recommend adding it slowly to the mixing vessel while stirring to avoid lumps.

APPLICATION

ElasTechs 2312 should be used at 5 – 75% on the weight of the starch in the recipe - depending upon construction, degree of weave difficulty and weaving machine speed.

REMOVAL

ElasTechs 2312 is easily removed by conventional desizing methods. If used alone, warm water and detergent is all needed for complete removal.

STORAGE

ElasTechs 2312 should be stored in a cool and dry area.

HANDLING

Please refer to the Material Safety Data Sheet for details.

PACKAGING

ElasTechs 2312 is available in multi wall kraft-bags loaded on pallets and stretch wrapped.

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