

# SIZING CHEMICALS

**ElasTechs®** products comprise a wide range of chemicals formulated for sizing and weaving applications. The product range is positioned to assist in the high speed processing of all types of staple and filament yarns. **ElasTechs®** products are recommended for applications varying from simple cotton fabrics to high technology technical fabrics.

## STAPLE YARN SIZING BINDERS

**ElasTechs® 2312** - A powdered acrylic 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. It may be also be used to replace polyvinyl alcohol in warp sizing formulations.

**ElasTechs® 2740** - A granular polyester 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. It may be also be used to replace polyvinyl alcohol in warp sizing formulations.

## STAPLE YARN ONE-SHOT SIZING AGENTS

**ElasTechs® 2255** - A dry powdered sizing agent formulated for use alone for the sizing of ring spun and slub denim yarns. The product contains all the necessary sizing components for a complete and balanced sizing formula.

**ElasTechs® 2307** - A powdered warp sizing agent formulated for sizing ring spun cotton yarns to be woven on high speed weaving machines. The product is characterized by its clear and strong films. **ElasTechs® 2307** requires no additives.

**ElasTechs® 2316-M** - A one shot sizing agent for sizing cotton yarns for high speed weaving. It is highly recommended for tightly constructed toweling.

**ElasTechs® 2355** - A one-shot sizing agent formulated for the sizing of cotton and polyester blended yarns woven on high-speed looms. The product contains a high percentage of synthetic polymer binder package designed to deliver optimum performance on critical styling.

**ElasTechs® 2362** - A premium one-shot sizing agent formulated for the sizing of cotton and polyester blended yarns woven on high-speed looms. The product contains a very high percentage of synthetic polymer binder package designed to deliver optimum performance on the most demanding fabric constructions.

## FILAMENT YARN SIZING AGENTS

**ElasTechs® 2700** - A water dispersible polyester polymer in granular form. It is an excellent sizing agent for polyester filament warps, especially recommended fine denier and flat yarn to be woven on air jet looms. The product is available in 30% solids form for customers without cooking equipment.

**ElasTechs® 2720** - A water dispersible polyester polymer in granular form. This high performance product is designed for sizing polyester yarns on water jet looms.

**ElasTechs® 2800** - A water dispersible acrylic resin in liquid form. It is an excellent sizing agent for nylon yarn (and some polyester yarns) to be woven on air jet and other dry looms.

# SIZING CHEMICALS

## SIZING AUXILIARIES

**ElasTechs® 2115** - A 100% active water-soluble liquid surfactant lubricant for overwax application on the sizing machine. The product is recommended for use where low coefficient of friction and ease of removal are required.

**ElasTechs® 2125** - A hot water dispersible emulsified hydrogenated tallow glyceride based sizing lubricant in flake form designed for use with all typical warp-sizing components such as starch and polyvinyl alcohol. The product is available in a version compliant with the most stringent environmental regulations.

**ElasTechs® 2421** - A ready to use non-silicone defoamer for warp sizing. The product is recommended for use where partially hydrolyzed grades of polyvinyl alcohol are in use and the textile mill is uncomfortable with the use of silicone containing products.