

Technical Information

ElasTechs 523

Description

ElasTechs 523 is a low hydrolysis polyvinyl alcohol warp sizing agent. The product may be used alone or in combination with other water soluble polymer, natural and or synthetic. It is recommended for sizing a wide range of staple yarns.

Benefits

ElasTechs 523 has the following beneficial characteristics.

- Cooks quickly and uniformly
- Reduces shed on the slasher
- Reduces yarn hairiness
- Reduces warp and weft stops
- Reduces shed on the loom
- Removes readily in normal conditions

Typical Properties

Color	Off-White
Texture	Fine Granules
Moisture Content	About 3%
PH of Solution	About 6
Viscosity, 4% @20°C	About 23 CPS

Preparation

ElasTechs 523 should be slowly added to the starting water with good agitation. Avoid creation of lumps. The product should be mixed and cooked according to the normal starch cooking procedure.

Application

ElasTechs 523 is recommended for the sizing of cotton, rayon, polyester and blended staple yarns.

Dosage

ElasTechs 523 may be applied alone at 6 to 10% or may be applied with starch at 8 to 14%.

The following are typical recipes.

ElasTechs 523	75 kgs
ElasTechs 2125	04 kgs
Finish Volume	1000 liters
ElasTechs 523	25 kgs
Starch	75 kgs
ElasTechs 2125	05 kgs
Finish Volume	1000 liters

Desizing

ElasTechs 523 should be desized with hot water and detergent. Avoid extremely high concentration of caustic. Heat setting presents no obstacle to desizing.

Handling

Please refer to the Material Safety Data Sheet for details.

Storage

ElasTechs 523 should be stored in a cool, dry and well-ventilated area. Avoid storing the product in conditions of high humidity.

Packaging

ElasTechs 523 is available in 25 kg bags and loaded on ISPM compliant pallets.

Date Established: 06/04/2010

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