

Technical Bulletin

ElasTechs 2722

DESCRIPTION

ElasTechs 2722 is a granular water dispersible polyester resin. It is an excellent binder and sizing agent for polyester filament warps, especially those in fine denier range.

ElasTechs 2722 may be used as a coating in textile finishing application and sizing agent for polyester filament warps that are woven on water jet looms, air-jet or water jet looms as well as other types of shuttle-less looms.

BENEFITS

ElasTechs 2722 provides the following benefits:

- Easy to disperse in water
- Biodegradable
- Good adhesion to polyester
- Quick and simple desizing
- Compatible with size additives

TYPICAL PROPERTIES

Color	Tan
Appearance	Granules
Odor	Mild
Solubility	Complete

PREPARATION

ElasTechs 2722 may be first dispersed in water at a standard concentration of 25%. It is easily dispersed with good agitation and temperature of 90 – 95° C. Water hardness of 20-40 ppm produces the best results. Excessive water softness may produce foam. The dispersion is stable if allowed to cool down to 35° C.

APPLICATION

The 25% standard dispersion of **ElasTechs 2722** should be further diluted to application concentration. Application concentration varies according to yarn characteristics i.e. flat or texturized, denier and loom speed. This range is from 3.0% - 8%.

The size is applied on the slasher at temperature of 35 – 40° C. As the diluted dispersion is low viscosity at application temperature it penetrates yarn bundle well.

Drying temperature, speed, residual humidity, stretch and all other sizing parameters are same as normal sizing conditions depending upon the yarn and equipment being used.

REMOVAL

Fabrics made of warps sized with **ElasTechs 2722** should be washed in hot water with low hardness and good counter flow. Addition of 1gram per liter of Soda Ash and 0.5grams per liter of nonionic detergent will improve the removal.

STORAGE

ElasTechs 2722 should be stored in a cool, dry and well-ventilated area.

PACKAGING

ElasTechs 2722 is available in 25 kilogram bags.

Date Established: 08/02/2012

Date Revised: