



GDS

Protector PCL

Spandex protecting Agent

Description:

A protective agent for spandex in chlorine bleach

Chlorine bleach on jeans garment is one of the common garment processes. But the spandex fibre of jeans will be damaged in the hypochlorite bleach, even lose the elasticity.

Protector PCL is a newly developed, elasticity protective agent used in chlorine bleach. It can effectively prevent the spandex fibre from being damaged and losing its elasticity.

Properties

Appearance: White powder

pH : Alkaline

Ionicity: Anionic

Solubility: Easily soluble in water

Characteristics

1. It can effectively prevent jeans elastic fabric and other spandex containing fibre from strength declines and elasticity loss in the chlorine bleach.
2. No influence on the effect of chlorine bleach.
3. Decrease the dosage of alkali in chlorine bleach and maintain the pH stability of dye bath.
4. Free from chemical substances that are restricted or forbidden by OEKOTEX 100, such as APEO, formaldehyde, etc.

Application

In the chlorine bleach process of jeans elastic garment and other spandex containing fabrics, the dosage of “**Protector PCL**” differs according to the equipment, chlorine bleach temperature, time, etc. Please confirm the formula and process conditions through preliminary experiments before actual process.

Suggested formula

Protector PCL- 2-3g/L

Sodium hypochlorite (available chlorine>10%) 5~80ml/L

Bath ratio 1:20~1:30

Procedure

1. Add **Protector PCL** first into washing cylinder under indoor temperature below 40C, run for 10 min at least to treat the fabric evenly.
2. Then add sodium hypochlorite solution, according to the required fading degree, treat for 30~60 min at temperature of 40~50C.
3. Discharge, wash, dechlorination

Notice and Remark

1. Chlorine bleach conditions have great influence on fabric strength and spandex elasticity. Before the actual process, please confirm the most appropriate formula and process conditions by samples to reach the required fading degree, fabric strength and elasticity. Please operate in full compliance with requirements.
2. Store sealed and damp-proof in cool, dry and well-ventilated place.
3. Avoid direct sunlight.
4. Please read MSDS of this product carefully before use.