

## How to Bleach Polyester/Cellulosic Blends

Bleaching of Polyester/Cellulosic blends is typically for the cotton portion of the blend. The goods should be scoured prior to bleaching.

Any processing bath involving rayon should not exceed a pH of 9.0 as it may lead to saponification of the rayon.

- Scour goods in a bath containing 2% owg **Orconol CHSA Conc™** and 2% owg tetrasodium pyrophosphate(TSP) and run at 205°F(96°C) for one hour.
- For heavily soiled cotton, 5% owg of Caustic Soda may be used in place of TSP, and **Orconol CHSA Conc™** should be substituted with **Orcoterge ALK-N Conc™** due to the high alkalinity of the bath.
- Drop bath and rinse well.
- In a fresh bath, bleach goods by adding:
  - 2.20 % owb Hydrogen Peroxide 35%
  - 0.7 % owb Sodium Silicate
  - 0.06 % owb Sodium Hydroxide
  - 0.5-1.0% owg **Orcoterge ALK-N Conc™**
- Run goods at 180°F(82°C) for 1 ½ hours.
- Drop bath and rinse until clear.