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(TSPP) 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 TSPP, 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:
 - o 2.20 % owb
 - o 0.7 % owb
 - o **0.06 %** owb
 - 0.5-1.0% owg
- Hydrogen Peroxide 35%
- Sodium Silicate
- Sodium Hydroxide
- Orcoterge ALK-N Conc™
- Run goods at 180°F(82°C) for 1 ½ hours.
- Drop bath and rinse until clear.

Rhode Island Division 65 Valley Street East Providence, RI 02914 Tel: 800-556-6784 Tel: 401-434-3300 Fax: 401-438-8136

North Carolina Division 1015 Concord Parkway North Concord, NC 28027 Tel: 800-783-6955 Tel: 704-786-1118 Fax: 704-786-2415

Shanghai Division Tel: 021-56630119 Fax: 021-56329220

www.organicdye.com