



# TECHNICAL BULLETIN

## ULTERION® PW-168

### POLYBLOCKER

#### PERFORMANCE FEATURES

- Anti-redeposition
- Soil release
- Improved wicking
- Exceptional softness
- Anti-crease

#### Product Description

*Ulterion® PW-168* is a 100% solid form of slightly anionic polyester copolymer dispersion. It is designed as an anti-redeposition additive in standard garment wash processes as well as provides superior soil release properties to polyester and polyester/cotton fabrics. This type of finish also imparts improved wicking and anti-static properties, which make polyester containing fabrics, feel softer, cooler and generally more comfortable. This concentrated product is readily dispersible in water to allow for friendlier handling during formulations.

#### Anti-Redeposition/Soil Release

Polyester and polyester/cotton fabrics treated with the dispersion of *Ulterion® PW-168* exhibit superior anti-redeposition properties effective in preventing back staining during garment washing. Bath solids for anti-redeposition applications should be 1-4% OWG. It also provides excellent soil release and stain resistant properties to a wide variety of stains including grease, oil and food additives.

#### Improved Wicking

Polyester and polyester/cotton fabrics treated with the dispersion of *Ulterion® PW-168* exhibit improved wicking and moisture transport features. This gives these fabrics the ability to wick moisture and perspiration away from the skin making them more comfortable and cotton-like.

#### MARKET USES

- Textile finishing and dyeing
- Polyblocker for denim

#### Exceptional Softness

The dispersion of *Ulterion® PW-168* treated fabrics feel exceptionally soft and supple due to antistatic properties and the slick hand imparted.

#### Anti-Crease

Because of its ability to relax the fabric, the dispersion of *Ulterion® PW-168* also prevents the creased normally associated with the dyeing of polyester fabric.

#### Handling / Storage Stability

Dispersions of *Ulterion® PW-168* should be dispersed at temperatures above 52°C into cold water. These dispersions should be cooled and stored between 25°C and 30°C to insure maximum shelf life. For best results, this dispersion should be used within one year. There are no special storage requirements for *Ulterion® PW-168*.

For spills of dispersed *Ulterion® PW-168*, sprinkle sawdust or vermiculite over the spill area and sweep the material into approved chemical disposal containers.

#### Product Safety

When considering the use of **Ulterion International** products, please refer to the latest Material Safety Data Sheets (MSDS). If you require an MSDS for this product; please call your **Ulterion International Representative**.

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#### Application Methods

- **DENIM PROCESSING**
- **USE 0.1 - 3.0%**
  - Bath solids for soil release applications should be 2-4% OWG.
  - Bath solids of 0.5 – 1.0% is recommended.

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