

### PERFORMANCE FEATURES

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

### Product Description

*Ulterion® PW-166* is a solid nonionic polyester copolymer. It is designed to provide superior soil release properties to polyester and polyester/cotton fabrics. The product is dispersible in water. This type of finish also imparts improved wicking and anti-static properties, which make polyester containing fabrics, feel softer, cooler and generally more comfortable.

#### *Soil Release*

Polyester fabrics treated with the dispersion of *Ulterion® PW-166* exhibit superior 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-166* 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.

#### *Exceptional Softness*

The dispersion of *Ulterion® PW-166* 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-166* also prevents the creased normally associated with the dyeing of polyester fabric.

### MARKET USES

- Textile finishing and dyeing
- Polyblocker for denim

### Typical Properties

% Solids	100
pH @ 30%	4 - 5
Melt Flow Point	34°C (93°F)
Appearance	Milky White
Origin	USA

### Handling/Storage Stability

There are no special storage requirements for *Ulterion® PW-166*. For suggested dispersion procedures contact your local Ulterion International Representative. Dispersion of *Ulterion® PW-166* should be stored in cool environments to insure maximum shelf life. For best results, these dispersions should be used within one year.

### Product Safety

For spills of dispersed *Ulterion® PW-166*, sprinkle sawdust or vermiculite over the spill area and sweep the material into approved chemical disposal containers.

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 (706) 654-2222 or your **Ulterion International Representative**.

Ulterion International, LLC.  
P.O. Box 236  
Braselton, GA 30517  
Phone: 706-654-2222  
Fax: 706-654-2234  
[www.ulterion.com](http://www.ulterion.com)



Taking Solutions Farther™

The information contained herein is thought to be accurate in all aspects; however, the applications for these products mentioned are presented without guarantee or responsibility as to the suitability of our products whether used singly or in combination with other products. Nothing herein is to be taken as a license to operate under or as a recommendation to infringe any patents. The products are sold without warranty, expressed or implied, and are purchased at buyer's risk.

### 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.



Ulterion International, LLC.

P.O. Box 236

Braselton, GA 30517

Phone: 706-654-2222

Fax: 706-654-2234

[www.ulterion.com](http://www.ulterion.com)



ULTERION

Taking Solutions Farther™

*The information contained herein is thought to be accurate in all aspects; however, the applications for these products mentioned are presented without guarantee or responsibility as to the suitability of our products whether used singly or in combination with other products. Nothing herein is to be taken as a license to operate under or as a recommendation to infringe any patents. The products are sold without warranty, expressed or implied, and are purchased at buyer's risk.*