



#### PERFORMANCE FEATURES

- Anti-redeposition
- Soil release
- Improved wicking/moisture management
- Exceptional softness
- Dye leveling
- Anti-crease

#### MARKET USES

- Poly Blocker for denim
- Textile finishing and dyeing

#### Product Description

**Ulterion® PW-100i** is a 100% solid form of a non-ionic polyester copolymer. PW 100i is easily dispersed in water to more usable solids levels and can be formulated with other additives to enhance performance.

##### ***Polyblocker***

**Ulterion® PW 100i** is an exceptional anti-redeposition agent for use in garment processing applications. It is known as the “gold standard” of polyblockers.

##### ***Soil Release***

Polyester fabrics treated with the dispersion of **Ulterion® PW-100i** exhibit superior soil release and stain resistant properties to a wide variety of stains including grease, oil and food additives.

##### ***Improved Wicking/Moisture Management***

Polyester and polyester/cotton fabrics treated with the dispersion of **Ulterion® PW-100i** 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-100i** treated fabrics feel exceptionally soft and supple due to antistatic properties and the slick hand imparted.

##### ***Dye Leveling***

The dispersion of **Ulterion® PW-100i** promotes dye leveling when used with dispersed dyes on 100% polyester fabric.

##### ***Anti-Crease***

Because of its ability to relax the fabric, the dispersion of **Ulterion® PW-100i** also prevents the creased normally associated with the dyeing of polyester fabric.

#### Typical Properties

% Solids	100
pH @ 1%	4 - 7
Odor	Sweet Ester
Appearance	Dark Solid

#### Handling / Storage Stability

Dispersions of **Ulterion® PW-100i** should be stored between 20°C and 35°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-100i**.

#### Product Safety

When considering the use of **Ulterion®** brand products, please refer to the latest Safety Data Sheets (SDS). If a SDS for this product is required, please contact your **Jain Chem 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.

#### Ulterion® PW-100i Process Guidance

Application s	Dosage (% base on Bath Solids Weight)	Addition Point				Remarks
		Desizing / Pre-wash	Dyeing	Abrasion	Final Washing	
Anti-backstaining	1.00 – 3.00	✗		✗	✗	During desizing, abrasion and final washing. 1 - 3% of <b>PW-100i</b> may be added to any or to all of these three steps
Soil Release	0.50 – 1.00	✗			✗	0.5 - 1% of <b>PW-100i</b> should be added to the final washing step. You may also add this amount to the desizing step if desired.
Improved Wicking	0.25 – 1.00				✗	
Exceptional Softness	0.25 – 1.00				✗	
Dye Leveling	0.50 – 1.00		✗			
Anti-Crease	0.25 – 1.00	✗			✗	During desizing and final washing. 0.25 - 1% of <b>PW-100i</b> should be added each time.



100% Solid Resin



15% Dispersion

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