

Enhance Fastness  
& Dye-depth In  
Polyester/PC Blends.

## **ProDet Pe**

Superior Soaping  
Agent For Polyester



ProAvita ProDet Pe is a unique Soaping Agent for dyed polyester and blended fabrics / yarn. The powerful dispersing action of ProAvita ProDet Pe combined with its high washing efficiency ensures superior fastness. Being an acidic formulation, ProAvita ProDet Pe eliminates the whole process of neutralisation in PC blends thereby saving water, energy and process time. Unlike chemical based reduction clearing agents which leave a harsh feel, ProAvita ProDet Pe gives a soft feel to the substrate. ProAvita ProDet Pe is Oeko-Tex (Class-I), GOTS 5.0 & REACH compliant and ZDHC Gateway Registered.

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

## Benefits

- **100% replacement** for Caustic and Hydrose for PC blends and 50% replacement for 100% Polyester
- **Non-foaming:** Superior washing
- **Can be used across both** exhaust and continuous processes
- **No pungent smell** as no Sulfide fumes are generated
- **Excellent results** in solvent sublimation
- **Improves** fastness properties
- **Better quality:** Good brightness and depth in shades due to superior dispersion properties
- **Improves fabric feel:** Imparts softness in fabric, yarn
- **Easily stored:** Can be easily stored since non-toxic and non-hazardous
- **Performs regardless** of water hardness and residual salt
- **Lesser load to ETP:** Effluent parameters like TDS, COD and BOD levels are lowered by upto 70%. And it also rules out the harmful effects of Acetic Acid since it has eliminated the neutralization process

## Application

### ProAvita ProDet Pe Dosage

1.0 - 2.5% / gpl for **medium and lighter** shades

2.5 - 3.5% / gpl for **darker shades** above 3%

3.0 - 4.0% / gpl for **critical shades** above 3% in two soapings with 50% dosage in the first soaping and the other 50% dosage in the second soaping is recommended

Recommended Dosage - GPL for 1:6 MLR & above and % for below 1:6 MLR

## Tech Specs

|                           |   |
|---------------------------|---|
| Physical Form             | Liquid  |
| Colour                    | Light Ivory to Dark Ivory*  |
| Odour                     | Citrus  |
| Operating Range           | 2.50 - 14.00 pH, 1°C to 140°C   |
| Effective Substance       | A consortium of biochemicals derived from Probiotics                  |
| Stability To Electrolytes | Stable to electrolytes used in textile operations                     |
| pH                        | 2.7 < V < 3.5   |
| Biodegradable             | Readily Biodegradable   |
| Storage                   | Store at room temperature; do not freeze                              |
| Safety Precautions        | Non-hazardous, does not require any protective equipment for handling |

Note: The data above is based on our current knowledge, experience and tests conducted. Processors are however requested to carry out their own tests.

\*Minor variation in color could occur due to organic nature of the raw material used.