

Pretreatment Booster for Polyester and Blends.

ProScour
Cracking Agent for Pretreatment



ProAvita ProScour, a ground breaking, readily Biodegradable washing, desizing & scouring booster of synthetic fibers & its blends. Enhances the effect of simultaneously applied detergents and dispersants. Caustic application can be reduced upto 50 % without any compromise on whiteness and absorbency. While all this leads to tangible savings in costs, it also brings down effluent load significantly. ProAvita ProScour is Oeko-Tex (Class-I), GOTS 5.0 & REACH Compliant and ZDHC Gateway Registered.

www.proavita.com

Benefits

- Predominantly washing or desizing & scouring of synthetic fibers, also suitable for cellulosic fibers and blends thereof such as CO/PES, CV/PES...
- Complexing component in baths with FWA sensitive to hard water
- Preventing soil redeposition in heavily contaminated wash liquors
- Removing encrustations from tanks and equipment, prevents precipitation of metal hydroxides, carbonates and silicates on goods and machinery in pretreatment and washing baths.
- Generates no foam, is highly stable to alkali, oxidation and hydrolysis.
- Simple to handle, suitable for automatic dispensing equipment

Tech Specs

Physical Form	Liquid
Colour	Light to Dark Brown*
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	2.5 < 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.

Application

Discontinuous Processes

1.0 - 2.0 gpl Wetting Agent
1.0 - 2.0 gpl ProAVita ProScour
x gpl soda ash or caustic soda
For desizing adjust pH-range
PVA-sizes pH 6.0-8.0
PES-sizes pH 7.5-9.5
Acrylates pH about 12 (0.5-1.0 g/l NaOH 100%)
Treating 20-30 min at 90°C
Rinsing 5 min overflow, rinsing 10 min down to 40°C

Relaxing/swelling or loop machinery

1.0 - 2.0 g/l Wetting Agent
1.0 - 2.0 g/l ProAVita ProScour
x g/l Soda ash or caustic soda
Temperature Cellulosic and blends 70-90 °C
PA 60-90°C
PES 80-90°C
Treatment time 2-20 min
for desizing adjust pH-range: see above

Pad Batch Process

4.0-10.0 g/l Wetting Agent
2.0-4.0 g/l ProAVita ProScour
x g/l Soda ash or caustic soda
Impregnate cold, dwell for 2-4 hours, hot wash off
For desizing adjust pH-range: see above