

RETAN 300

Characteristics

Composition	: Polymeric Dispersion of : Soft and waxy monomers
Appearance	: Creamy Paste - Melts
Solid Content	: 36 ± 1%
Charge	: Anionic
pH (1 : 10)	: 8.0 ± 0.5
Viscosity	: 100 - 300 cps at 35°C
Solubility in water	: 40° - 50°C
Astringency	: Moderate
Light Fastness	: Excellent
Effect on Leather Colour	: Pale and Uniform
Dye Bleaching Effect	: Minimal
Stability to Salts	: Very Good
Light / Heat Fastness	: Excellent

Suggested Application

- ✓ Garment-highly lightfast, lightweight, stable to wash / launder / dry clean.
- ✓ Shoe upper softy - highly lightfast, high tear, strength and good water vapour permeability.
- ✓ Light weight, low fogging, white upholstery leather

REACH COMPLIANT



Green-Trek- Compliant

A symbol of our commitment to sustainable technologies

Storage : Store between +5 °c to 35 °c in original pack, well-sealed & stored.
Shelf-life : Product is stable for 12 months from the date of production / Invoice.



Non flammable

Avoid direct contact with skin



Prevent from freezing

Use Gloves / Ensure Ventilation



Polymeric lubricating cum retanning agent, (oil & silicon free) for lightweight, lightfast hydrophobic leathers.

RETAN 300 is a unique polymeric “lubricating cum retanning agent” that can be used to produce leathers with minimal (or without) use of other retanning agents and fatliquors. Due to its exceptional heat - light fastness, it is an excellent choice for the production of white and pastel colored leathers.

RETAN 300 provides both retannage and lubrication at the same time. It fixes irreversibly to the leather fibres and cannot be washed off, therefore is ideally suited for washable leathers or leathers with good water vapour permeability.

RETAN 300 has low fogging values and low extractables. Its heat ageing tests are exceptionally good and it also offers a surface that is easy to finish. It produces leathers that are lightweight & fluffy with high tear resistance, waxy, soft and have a resilient grain that can be easily buffed.

The product is compatible with most vegetable, synthetic and resin tanning materials, dyestuffs and fatliquors, provided they are anionic.

Usage

- As primary retanning / lubricating agent use: 12-15%
- For improvement of properties (in combination with retans & fats): 4-10 %.
- It is recommended to dilute the product in the ratio of 1:3 with water at 40°-50°C prior to its addition to the drum. It is ideally used just after the neutralization in a fresh bath at 50°C. After neutralization is complete, the stock must be washed to eliminate neutral salts.
- For deepest penetration, thorough distribution and waterproofness, the running time must be around 90-120 minutes. Adding formic acid to reduce ph to 3.8-4.0 will achieve exhaustion of Retan 300.

Note: Suggested formulations are only for guidance and necessary modifications must be made to achieve a particular result.