

## SMA - TAN 22

## Characteristics

Composition	: Styrene - Maleic Anhydride Copolymer
Appearance	: Watery Solution
Solid Content	: 18 ± 1%
Charge	: Anionic
pH (1 : 10)	: 9,0 ± 0,5
Viscosity	: 20 -100 ps.
Solubility	: Readily Soluble in Water
Astringency	: None/Light
Light Fastness	: very Good
Effect on Leather Colour	: None
Dye Bleaching Effect	: None
Stability	: Good

## Suggested Application

- ✓ Shoe Upper
- ✓ Garments
- ✓ Bag
- ✓ Automotive
- ✓ Furniture
- ✓ Split

## 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 6 months from the date of production / Invoice.



Non flammable

Avoid direct contact with skin



Store in dry place

Use Gloves / Ensure Ventilation



*Grain tightening Styrene - Maleic Resin for loose and empty structures. Keeps grain soft and elastic, makes leather bouncy; Ideal for milled and soft leathers.*

SMA - TAN 22 is recommended for leathers that require highly tight grain from loose and empty raw material. It is ideally suited to soft articles i.e nappa, garment and upholstery as it gives a fuller feel with a rubbery handle. It is found to be of particular interest when leathers are to be milled as it maintains the grain soft and elastic.

Interaction between SMA - TAN 22 and chrome promotes formation of linkages between the fibres of collagen. These fixations, which are higher as compared to conventional acrylic resins, further improve thermal stability and mechanical properties. Due to improved fixation the amount of chrome released in effluent is also reduced improving BOD / COD of effluent.

SMA - TAN 22 is lightfast and can be safely used for white or pastel leathers. SMA - TAN 22 also promotes penetration of dyes and fatliquors. Even while processing waterproof leathers SMA - TAN 22 reduces the tendency of "grain draw".

Usage

SMA - TAN 22 can be used at all stages of retanning process within 1-2% following the broad guidelines listed below:

- For grain tightness SMA - TAN 22 is to be used before rechroming. pH must be raised to 4.2 and SMA - TAN 22 is run for 30 minutes and acidified to pH 3.4 afterwards. Chrome is then added in usual way.
- For soft leather having smooth grain, SMA - TAN 22 is used during neutralization.
- For a soft handle with excellent grain tightness, SMA - TAN 22 is to be used in the first stage of Retanning process.
- To improve grain tightness further, it can also be added after fatliquoring into the acidified bath.

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