

CHIMOTAN RU

Soft and elastic synthetic polymer

CHEMICAL CHARACTERISTICS

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|-----------------------------------|----------------|
| Appearance: | Liquid |
| Colour: | Transparent |
| Smell: | Characteristic |
| pH (sol al 10%): | 6,5 +/- 0,5 |
| Active Material: | 31,0 % +/- 1,0 |
| Solubility: | Soluble |
| Light Stability: | Excellent |
| Stability to Acids: | Stable |
| Stability to Electrolytes: | Average |

PRODUCT CHARACTERISTICS

CHIMOTAN RU is an acrylic polymer characterized by a very long chain which upon polymerization produces a very soft and extremely elastic film.

It is very stable at neutral pH values and as it drops it maintains its stability up to pH 4.1 – 4.2.

Below this value it begins to react with the skin and with itself, creating very voluminous, soft and elastic macromolecules.

The formation of these polymeric thickenings between the fibers of the leather helps to fill the empty spaces and, due to its characteristics of softness and elasticity, gives the leather fullness and snap while reducing the phenomenon of grain blowing.

It has excellent light stability and for this reason it can be used in the production of white leather.

It is compatible with all products with an anionic charge.

To obtain its fixation it is sufficient to acidify the bath with formic acid or insert six metallic salts at the end of the retanning phase.

CHIMOTAN RU does not degrade dye tones.

APPLICATIONS

CHIMOTAN RU can be used advantageously both in the retanning of WET BLUE and METAL FREE leathers or in leathers tanned with vegetable extracts.

Due to its chemical characteristics it is advisable to insert it after the neutralization phase which must be carried out to obtain pH values not lower than 4.5.

It can be used at the same time as synthetic or vegetable retanning agents.

An extremely effective filling effect can be achieved by combining the use of CHIMOTAN RU with our tanning polymers CHIMOTAN JB or CHIMOTAN JW.

Used in combination, these two products can give the skin extraordinary characteristics of fullness and elasticity.

The usable quantity varies depending on the desired effect and the type of leather.

We can suggest inserting a quantity of 4.0% - 5.0% to check the effects on the skin and possibly increase until obtaining the fullness and firmness of the grain required by the final article.

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Chemical-physical properties of the product have been determined in accordance with internal procedures by methods of analysis due to national and / or internationally recognised standards. The information contained in this data sheet are based on our current knowledge. Given the multiplicity of Factors that can influence the processing and use of our products, the customer is obliged to carry out its part tests and controls. No responsibility can Be taken by us for an incorrect use of the product

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