

## CHIMOTAN JP

### Phenol-protein based tanning biopolymer

#### CHEMICAL CHARACTERISTICS

<b>Appearance:</b>	Dense fluid
<b>Colour:</b>	Straw yellow
<b>Smell:</b>	Characteristic
<b>pH (sol al 10%):</b>	7,0 +/- 1.0
<b>Dry residue:</b>	48,0 % +/- 2.0
<b>Solubility:</b>	Miscible
<b>Charge:</b>	Amphoteric
<b>Lightfastness:</b>	Good
<b>Stability to acids:</b>	Unstable
<b>Chloride content (Cl):</b>	0,98 %
<b>Sulphate content (SO<sub>4</sub>):</b>	1,16 %

#### PRODUCT CHARACTERISTICS

CHIMOTAN JP is made up of a single polymer molecule containing both synthetic polyphenolic and protein groups condensed on the polymer chain itself.

It is therefore a product with very high filling capabilities due to the presence of proteins, tanning capabilities due to the presence of synthetic polyphenols and cross-linking capabilities due to the polymer chains.

These three functions have been stably connected to each other, generating a synergistic effect on the leather which allows the creation of very full articles, especially in the more spongy parts and significantly improves the firmness of the grain.

CHIMOTAN JP due to its chemical nature, rich in many reactive points, allows to obtain a high exhaustion of the baths where it is used.

All the products used in retanning, in fact, have a greater number of reactive points available to bind to and for this reason they are fixed in higher quantities within the leather itself.

#### APPLICATIONS

CHIMOTAN JP can be applied both in the leather tanning phase and in the retanning phase.

For its use in the tanning phase we suggest inserting CHIMOTAN JP during the creation of the Pikel.

The correct sequence is as follows:

Prepare the Pikel bath with water and salt (better to work with a short bath of about 50,0% ).

Subsequently insert CHIMOTAN JP in quantities varying from 2,0 % to 4,0 %, leave to rotate for 20 minutes

Start acidification as usual to arrive at the pH value. normally used to start the tanning phase.

When the Pikel phase is completed you can start tanning which can be done with chromium salts or with metal free technology or with plant extracts

CHIMOTAN JP can also be used advantageously in the retanning phase of Wet Blue, vegetable or Wet White leather.

Depending on the article requested, the quantity to be applied can vary from 3,0 % to 7,0 %.

Thanks to the amphoteric filler CHIMOTAN JP can be applied at any stage of retanning.

It fixes completely to the skin, lowering the pH value up to 3,8 – 4,0

We suggest not discharging the retanning bath until it has completely cross-linked.

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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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