

## CHIMOTAN JK

### Metal-free tanning copolymer

#### CHEMICAL CHARACTERISTICS

<b>Appearance:</b>	Liquid
<b>Colour:</b>	Amber orange
<b>Smell:</b>	Characteristic
<b>pH (sol al 10%):</b>	9,0 +/- 1,0
<b>Active material:</b>	45,0 % +/- 1,0
<b>Dry residue:</b>	36,0 % +/- 1,0
<b>Water solubility at 20,0 °C:</b>	100 %
<b>Charge:</b>	Anionic
<b>Lightfastness:</b>	Very high
<b>Ashes (600 °C):</b>	0,05 %
<b>Metal content:</b>	Absent
<b>Oxidation resistance:</b>	Very high

#### PRODUCT CHARACTERISTICS

CHIMOTAN JK is a particular polymeric resin characterized by high tanning power, free from metals and aldehyde compounds.

Used on pickled hides using specific metal-free tanning formulations, it gives the hides a GT (gelatinization temperature) of approximately 70 °C, making them stable in storage and easily usable in splitting and shaving operations.

Leathers tanned with CHIMOTAN JK are characterized by excellent fullness, high softness and white colour.

Due to its tanning and filling characteristics, CHIMOTAN JK can be advantageously used in the retanning phase by adopting low water consumption technologies.

It is compatible with all anionic charged products.

It fixes on the fibers of the skin, acidifying the bath up to pH values of 3.7 – 3.9. Or by reacting with cationic products.

#### APPLICATIONS

CHIMOTAN JK can be used both in the tanning phase to produce metal-free leather or in combination with metal tanning agents, and in the retanning phase.

In retanning, the point at which it best expresses its characteristics is when it is used as the first component to be included in the formulations.

Its high pH value allows it to be used at the beginning of the process, eliminating the phase called "neutralization" by replacing traditional neutralizers such as sodium bicarbonate, sodium formate, etc.

Used in this phase it allows to reduce the total quantity of water used in the process, the time necessary to obtain an adjustment of the pH value of the hides and at the same time impart a tanning and filling effect to the hides from the beginning of the process.

Leathers treated with CHIMOTAN JK are full, soft, snappy and with a firm, fine grain.

The color is very light, suitable for dyeing with pastel tones.

#### **Revision 03 of 20/05/2024**

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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