

CHIMOTAN IM

Organic – mineral based tanning salt

CHEMICAL CHARACTERISTICS

Appearance:	Powder
Colour:	White
Smell:	Odorless
Solubility:	90,0% soluble at pH: 3.0
Dry residue:	90,0 % +/- 2,0
Active material:	92,0 % +/- 2,0
pH (sol al 10%):	3,5 – 4,5
Al₂O₃ content:	33,0 % +/- 1,0
Charge:	Anionic
Lightfastness:	Excellent
Heat resistance:	Excellent

PRODUCT CHARACTERISTICS

CHIMOTAN IM is a compound based on modified carbohydrates and aluminum salts which has high tanning properties. Correctly used, it creates stable bonds with the skin protein giving very good temperature stability (TG 70 °C – 75 °C). Due to its chemical nature it is free from compounds such as phenol, aldehydes, formaldehyde and chromium salts. It can be used in powder form without the need to dissolve it before adding.

APPLICATIONS

CHIMOTAN IM can be used after the Pikel phase as the MAIN TANNING agent in the tanning of all types of leathers where the creation of perfectly white articles free from chromium salts, formaldehyde and phenols is required. It allows the creation of white Wet White leathers with fine and compact grain that can be easily shaved or sanded. An indicative application formula can be as follows:

	Pikel Bath	100%		pH: 2,5
	CHIMOTAN IM	5,0%		
	Formic Acid	0,5%	rotation 40'	pH: 3,3 – 3,5
Add	CHIMOTAN IM	5,0%		
	Formic Acid	0,5%	rotation 120'	automatico per la notte. Mattino pH: 3,5 – 3,7
Add	Sodium Formate	2,5 %	rotation 90'	pH: 4,0 – 4,2
Add	Water at 45 °C	50,0%	rotation 30'	pH: 4,0 – 4,2
	Drain			

SKINS ON STAND FOR 48 HOURS

During the tanning phase we suggest the use of fatliquors that are stable under working conditions and bactericides suitable for the expected storage times.

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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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