

CHIMOTAN GM

Aqueous dispersion of styrene butadiene copolymers

CHEMICAL CHARACTERISTICS

Appearance:	Fluid liquid
Color:	White
Smell:	Characteristic
pH (sol al 10%):	8,0 +/- 1,0
Active material:	55,0 % +/- 1,0
Dry residue:	50,0 % +/- 1,0
Solubility:	Dispersible
Charge:	Anionic
Viscosity, 23 °C:	< 500 mPAs 20 rpm

PRODUCT CHARACTERISTICS

CHIMOTAN GM is a copolymer that produces transparent and extremely soft and elastic films.

Characterized by a small molecule, in an anionic environment it has an excellent ability to penetrate and spread between the skin fibres.

By acidifying up to pH values of 3,5, raising the temperature up to 45 °C and above all by changing the charge of the bath from anionic to cationic, CHIMOTAN GM cross-links creating very elastic and voluminous structures.

The product is light stable and does not lower the dyeing performance of the dyes used.

APPLICATIONS

CHIMOTAN GM can be applied as a leather retanner to produce very full and elastic leather.

It helps to increase the thickness of the skin.

It extremely effectively fills the empty spaces between the leather fibers and allows the creation of articles with a smooth and firm grain.

We suggest using it together with synthetic tannins or fatliquors normally used as long as they are all anionic.

To obtain complete cross-linking it is sufficient to lower the pH with formic acid to values of 3.5 - 3.8.

To achieve complete cross-linking, we suggest adding metallic salts such as chromium or aluminum sulphate or liquid cationic resins such as our FIXOIL TS/1 at the end of the retanning process.

The quantity to be used varies depending on the characteristics you want to impart to the leather and can fluctuate between 4.0% and 15.0%.

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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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