

## RETAN OR

Aqueous co-polymer resin syntan with fatty fillers.

### CHARACTERISTICS:

<b>Composition</b>	: Polyacrylate Emulsion with Fatty Substances
<b>Appearance</b>	: White Colloidal Liquid, Viscous
<b>Solid Content</b>	: 37 ± 1%
<b>Charge</b>	: Anionic
<b>pH (1 : 10)</b>	: 3.0 ± 0.5
<b>Viscosity</b>	: 10 - 30 Poise at 30 °C
<b>Solubility</b>	: Easily Diluted with Water
<b>Astringency</b>	: High
<b>Light Fastness</b>	: Excellent
<b>Effect on Leather Color</b>	: Pale and Uniform
<b>Dye Bleaching Effect</b>	: Moderate
<b>Stability to Salts</b>	: Very Good
<b>Shelf Life</b>	: Twelve months

ACRYLIC  
SYNTANS

**RETAN OR** is a lightfast resin syntan for the retannage of chrome and combination tanned leathers. It can be used alone or in combination with other anionic retanning materials when exceptional light fastness and fullness properties are desired.

It fills up the leather evenly without loading the grain, producing smooth, fine grain and confers a soft round feel. Its high light fastness coupled with good bleaching property makes it ideal for the production of high-grade white leathers.

**RETAN OR** is compatible with chrome tanning materials, vegetable tanning materials and synthetic tanning materials. Though the dyeings are bleached, the resultant shades are clearer and more brilliant.

It can also be used as pretanning agent for chrome tanning where it helps in overcoming the looseness and helps in better distribution and exhaustion of chrome. Besides the properties already mentioned, buffing property, tensile strength, and heat resistance of the leather are also greatly improved.

### SUGGESTED APPLICATIONS:

**RETAN OR** is suitable for use in the production of a wide variety of leathers ranging from glove leathers to firm shoe upper leathers. Acrylics have a great affinity for chrome tanned leather and they tend to deposit near the grain, so due caution and attention should be paid during the processing.

**RETAN OR** is best used before neutralization at a pH range of 3.6 to 4.2.

Note : Syntans containing extremely low levels of free formaldehyde (below 50 ppm) are termed as "Formaldehyde Free". Compliance with the restrictions on free formaldehyde in final leathers is dependent on judicious use of this product and on other inputs. We do not guarantee the free formaldehyde level in leather as the conditions of use and process are beyond our control.