

**UNITAN TM
TARA POWDER ULTRA TEC FINE****Fecha: 12/02/08**

Tara powder **UNITAN TM** is a natural source of tannins from the milling of the tara's pod (Caesalpineia Spinoza).

UNITAN TM contains hydrolysable tannins (derivated from pyrogallol), whose main components are particles of glucose and acids, as the gallic acid, m-gallic and ellagic.

Pyrogallol tannins can be hydrolyzed with acids and enzymes.

It can be used for all vegetable or vegetable / mixed skin types, for upholstery, leather, clothing and footwear.

It is also used in textile industry, making stained with iron salts, mordant dyeing and printing fabrics.

Tara produces a clear, flexible, soft and fitness for dyeing leather.

Suitable for vegetal type leather requiring good light fastness.

In conjunction with suitable oils, good fogging values leather are obtained

PHYSICAL AND CHEMICAL PROPERTIES:

Tannins:	56%+/- 2% SGS method, AOAC 955.35:2000
Physical Type:	Powder
Appearance:	Fine powder highly soluble in light beige color.
Odor:	Pleasant characteristic odor
Boiling Point:	Decompose to 170 °C
PH:	3,5 ± 0,4 in solution
Moisture:	8,5 ± 0.7
Packing:	in bags of 25 kg., palletized per 1000 kg.
Containers	per 20 MT

Warning: UNITAN TM is a product-sensitive iron salts, like all plant extracts. Therefore in all operations tanning and retanning contact with ferrous materials should be avoid. To improve the performance of the product is recommended to add small amounts of UNICLAR to the liquors to prevent stains, as well as the final bath wash removing hides and stacking with the wash water