

Chestnut extract

Botanical name Castanea sativa
Origin Middle- and South Europe
Tanning classification Hydrolysable (acidic former) tanning materials

Specification (all values according to the filter method)

	Standard	'sweetened'
Tannin content %	76 +/- 1.0	72.0 +/- 0.2
insolubles %	<1.0	<1.0
humidity %	8.0 max.	8.0 max.
sugar %	3.0-4.0	3.0-4.0
non-tanning %	< 22.0	< 22.0
pH (6.9° Bé)	3.5 +/- 0.3	4.5 +/- 0.2
ash %	5.0	5.0

Description

Chestnut extract belongs to a group of neutralized sulphite pyrogallol tannins. Chemically it is an ester of phenol carbonic acids and higher alcohol. It is a type of chestnut extract with a reduced astringency and a modified salt/acid ratio. Chestnut extract is used in the re-tanning of leather, tanned with vegetable tanning agents and of chrome leather. The addition amounts up to 30% by weight in all vegetable tanning. For special effects it can be mixed with other agents used in re-tanning. It improves hydrophobic properties of leather, distribution and binding of colour pigments and fats, as well as weight yield.

Application

Use of chestnut extract results in: gross weight yield, excellent physical and chemical properties, even re-tanning and attractive and stable colour. In re-tanning of chrome leather, up to 30% of chestnut extract can be added to obtain smooth, compact and full leather with a good light fastness.