



CARNAUBAWAX LT 124

Carnaubawax light yellow

Carnaubawax is exuded by the leaves of the Carnauba palm („copernicia cerifera“) to conserve the moisture within the tree and the leaves. The leaves containing the wax are cut off the trees and the wax is removed by beating the shrivelled leaves. The colour and the quality of the wax is influenced by the age of the leaves and the care used in processing the wax. Carnaubawax LT 124 is a light yellow wax, obtained from the young leaves; it fulfils the purity requirements of the pharmacopoeias and the food additive legislation.

PROPERTIES

Congealing Point	(ISO 2207)	78 - 84	°C
Drop Point *)	(ISO 2176)	81 - 86	°C
Penetration at 25°C	(DIN 51579)	max. 1	0,1 mm
Acid Value *)	(ISO 3682)	2 - 7	mgKOH/g
Saponification Value	(ISO 3681)	80 - 95	mgKOH/g
Colour *)	(visual)	light yellow	

*) part of the delivery specification

INCI-DESIGNATION

„Copernicia Cerifera Cera “

FULFILLED PURITY REQUIREMENTS

German Pharmacopeia DAB 10, Europharm, U.S. Pharmacopeia, LebensmittelzusatzstoffV., E 903 food additive

APPLICATION

- hardener in cosmetic and pharmaceutical preparations
- polishing wax for pellets, dragees, candies, dried vegetables
- release agent for sweets and pastries
- coating of lemons, grapefruits, oranges, apples
- consistency regulans in chewing gum base

DESCRIPTION

Carnaubawax is amorphous, hard, tough and lustrous. It has a pleasant odour and breaks with a clean fracture. Carnaubawax is one of the hardest, high melting point waxes. If added to other waxes, it increases their melting point, hardness, toughness and luster to decrease stickiness, plasticity and crystallizing tendency.

Carnaubawax is compatible with all vegetable, animal and mineral waxes, a large variety of resins and rosins and fatty acids, glycerides and hydrocarbons. Carnaubawax may be easily dispersed in hot solvents (e.g. mineral spirit). Emulsions, made from Carnaubawax are very liquid and dry to high glossy films.

FORM SUPPLIED

- flakes, packed in 25 kg bags
- on request: powder

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