



CANDELILLAWACHS LT 281 BI

Candelillawax, a vegetable wax, is found in form of scales entirely covering a reed-like plant growing in Texas and Mexico. The plant grows on the average to a height of one or three feet and only the stalks of the adult plant are uprooted. The wax is extracted by immersing the plant in boiling water. The wax is skimmed off, strained and gently cooked to remove the excess moisture.

PROPERTIES

Congealing Point *)	(ISO 2207)	65 – 73	°C
Penetration at 25°C	(DIN 51579)	max. 2	0,1 mm
Acid Value *)	(DAB 10)	12 – 22	mg KOH/g
Saponification Value	(DAB 10)	43 – 65	mg KOH/g

*) part of the delivery specification

INCI-DESIGNATION

„euphorbia cerifera cera“

FULFILLED PURITY REQUIREMENTS

Candelillawachs LT 281 BI fulfils the European Directives and national regulations for the application in the area of food, food contact, cosmetics, etc.. Further information is available from our Product Regulatory department on request.

APPLICATION

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

DESCRIPTION

Candelillawax is amorphous, hard, tough and lustrous. It has a pleasant sweet odour. If added to other waxes it increases their melting point, hardness, and toughness.

Candelillawax is compatible to natural waxes, resins and rosins, fatty acid, glycerides and hydrocarbons. Candelillawax may be easily dispersed in hot solvents (e.g. mineral spirit). Emulsions made by using Candelillawax are liquid and dry to high glossy films. Candelillawax is available in three grades:

Candelillawachs LT 281 BI is a bleached grades for food, cosmetic and pharmaceutical application, it is additionally extracted and shows an improved compatibility to mineral waxes and vegetable oils.

FORM SUPPLIED

light yellow flakes