

## Synthetic Candelilla



Synthetic Candelilla is a blend of waxes which has been designed to match the properties and characteristics of the natural product, but at a lower price. Our Synthetic Candelilla is a light colored, hard, brittle wax that is a little softer than Carnauba. The synthetic wax is more consistent than the natural product and has no resins.

### Applications:

**Lipsticks, Lip Gloss, Lip Balms, Mascaras, Emulsions of various types,** Leather Dressings, Polishes, Varnishes, Sealing Waxes, Insulating Compositions, Rubber Waterproofing, Soft Wax Stiffeners, Lubricants, and Adhesives.

### Advantages:

Synthetic Candelilla produces excellent structure and gloss, and is ideal for finished products where firm consistency and high melt point are important. Synthetic Candelilla can also be emulsified when making in-situ soaps of the free fatty acids.

### Regulatory:

INCI Name: Synthetic Beeswax, Synthetic Wax, Stearic Acid      CAS#: 71243-51-1, 8002-74-2, 57-11-4

Wax#	Wax Name	Melting Point	Acid Value	Saponification Value	Color
102	Double Refined Candelilla	68.5 - 72°C	12 - 22	45 - 65	Yellow
204	Candelilla 204	68.5 - 72.5°C	11 - 22	44 - 66	Yellow
419	NF Candelilla Wax	68.5 - 72.5°C	12 - 22	43 - 65	Light Yellow to Yellow
152	Acid Free Candelilla	62 - 72°C	≤ 2.0	45 - 60	Light Yellow Brown
148	Synthetic Candelilla	72.5 - 82.5°C	14 - 25	44 - 66	Light Yellow
<b>COMPOSITION:</b>					
Hydrocarbons		Monoesters	Alcohols, Sterols, Resins		Fatty Acids
50 - 65%		27 - 35%	10 - 15%		7 - 10%

Specific waxes that are most appropriate for this category have been highlighted here