

# Carnauba



Superior  
Quality,  
Carnauba Wax  
for Industries  
of the World.

## Uses:

Pharmaceutical  
Cosmetics  
Lipsticks  
Salves  
Ointments  
Candies  
Shoe Polishes  
Furniture Polishes  
Wood and Car Polishes  
Lacquers  
Varnishes  
Carbon-paper Coatings  
Leather Finishes  
Electrical-Insulating Composition  
Textiles  
Inks  
Mold Lubricants  
Creams  
Pill and Paper Glazing

## Regulatory Information:

FDA Approved Under Regulation 21 CFR 184.1978  
INCI Name: Copernicia Cerifera (Carnauba) Wax  
CAS#: 8015-86-9  
EINECS#: 232-399-4  
Japanese Name/Source: Carnauba Wax/JSCI-11-71

Carnauba is a vegetable wax grown only in Brazil and comes from the leaves of the Brazilian "tree of life". Carnauba palm grows in the northern and northeastern part of Brazil where the soil is dark and fertile. Quality and color vary with the age of the leaves, with the younger leaves providing the prime yellow color, and the older leaves provide the darker T-3 and T-4 wax.

## Composition:

Alkyl Wax Acid Esters: 84-85%  
Free Acids: 3%  
Fatty Alcohols: 2-3%  
Lactides: 2-3%  
Hydrocarbons: 1.5-3%  
Resins (Alcohol Soluble): 4-6%

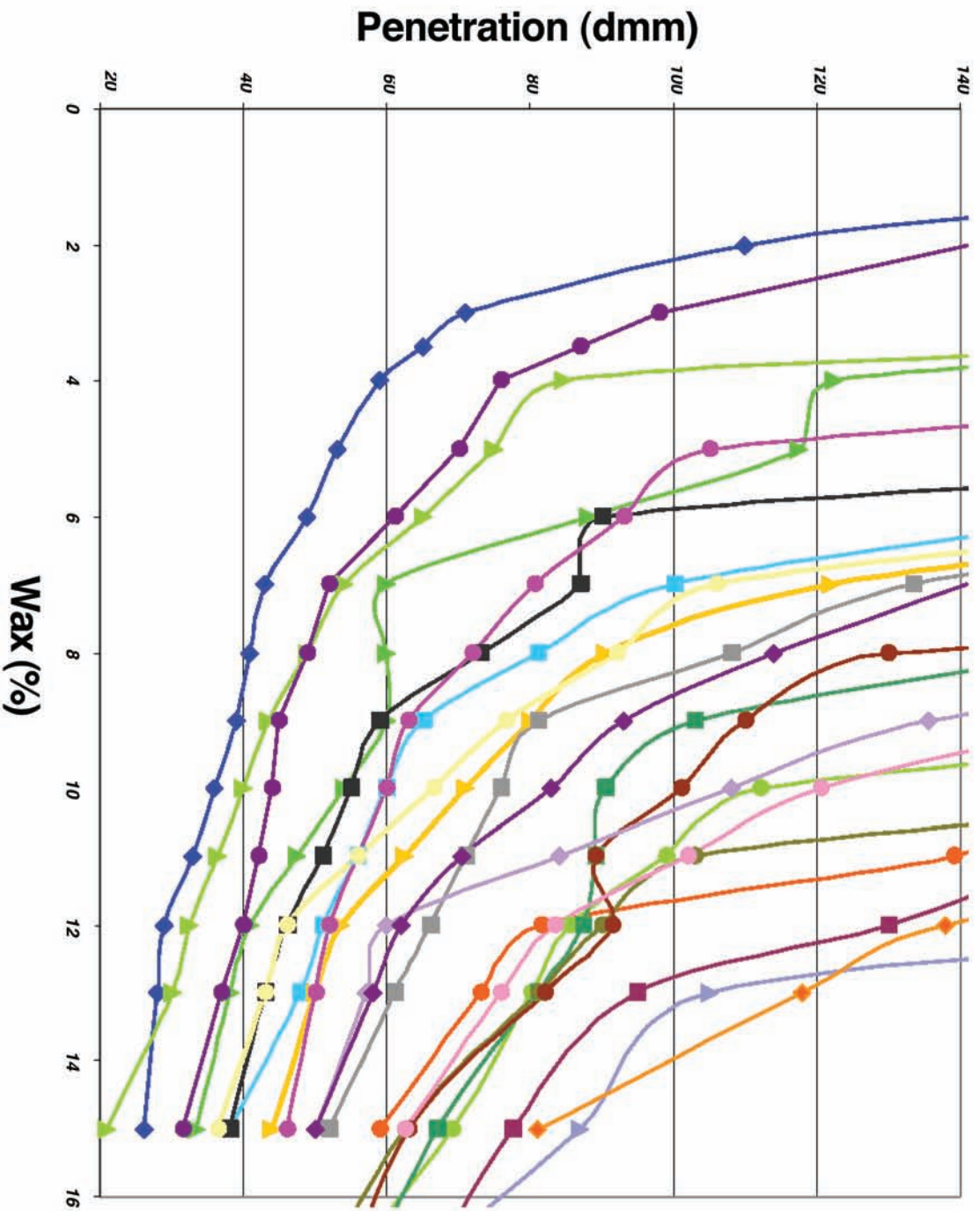
## Chemical Properties:

Melting Point: 80-86°C  
Acid Value: 2-7  
Saponification Value: 78-95

## Advantages:

Carnauba Wax is the highest melting point natural wax that can impart gloss, hardness, slip, and improved thermal stability to a variety of applications.

# 1/4 Cone Penetration Carnauba Wax Oil Gels



- Hydrogenated Polydecene
- Octyldodecanol
- Paraffin Oil surface
- Paraffin Oil bulk
- IPP
- Ethylhexyl Hydroxystearate surface
- Ethylhexyl Hydroxystearate bulk
- Cetearyl Ethylhexanoate surface
- Cetearyl Ethylhexanoate bulk
- Jojoba Oil
- Sunflower Oil
- Diisostearyl Malate bulk
- Diisostearyl Malate surface
- Castor Oil surface
- Castor Oil bulk
- Ethylhexyl Palm itate surface
- Ethylhexyl Palm itate bulk
- MCT surface
- MCT bulk
- Pentaerythrityl Tetraisoostearate
- C12-15 Alkyl Benzoate