

Emulsifying Carnauba Waxes



These versions of Emulsifying Carnauba and Emulsifying Synthetic Carnauba have been designed to increase the compatibility of high molecular weight esters that are typically partially incompatible with other common raw materials. In emulsion systems, high molecular weight monoesters (> C-60), like those of carnauba, are popular for their film forming and barrier properties. In the past, these monoesters have been difficult to stabilize, this is no longer the case with our Emulsifying Carnauba Waxes. These products allow the formulator to add functionality, improve film thickness, and increase water resistance.

PEG-12 Carnauba is a polyethylene derivative of natural Type 1 Carnauba.

Carnauba EC-80 is a unique natural wax based blend designed for simplification in formulating.

Self Emulsifying Synthetic Carnauba is a unique synthetic wax based blend that offers improved color stability at high temperatures.

Applications:

Creams, Lotions, Hair Care, Sunscreens, Antiperspirants, Lipsticks, Lip Balms, Make-ups, and Mascaras.

Advantages:

Emulsifying Carnauba Waxes are used for thickening, film forming, and emulsifying. They have a non-greasy feel while giving the final product a nice slip feel. These are cost effective raw materials that produce superior stability, film forming, and impart a non-waxy feel when compared with other conventional carnauba wax blends.

Regulatory:

PEG-12 Carnauba

INCI Name: PEG-12 Carnauba

CAS#: 8015-86-9

Carnauba EC-80

INCI Name: Copernicia Cerifera (Carnauba) Wax, Beheneth-5, Cetareth-20

CAS#: 8015-86-9, 136207-49-3, 68439-49-6

Self Emulsifying Synthetic Carnauba

INCI Name: C-20-40 Alkyl Stearate, Beheneth-5, PEG-14 Stearate

CAS#: 136097-96-9, 136207-49-3, 9004-99-3

Wax#	Wax Name	Melting Point	Acid Value	Saponification Value	Color
165	PEG-12 Carnauba	80 - 85°C	<2	60 - 75	Yellow to Light Brown
193	Carnauba EC-80	81 - 86°C	2 - 10	68 - 88	Yellow to Light Brown
217	Self Emulsifying Synthetic Carnauba	80 - 85°C	<5	60 - 75	Tan to Light Brown

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