

ProductData



Wax - Self Emulsifying Carnauba (193) EC-80



Koster Keunen, LLC

Waxes of Superior Quality Since 1852

Authorized Distributor:

Description:

Self Emulsifying Carnauba, EC-80 is a unique wax blend that allows for simplification in formulating. This single wax is used for thickening, film forming and emulsifying. It has a non-greasy feel, and gives the final product a nice slip feel. Self Emulsifying Carnauba, EC-80 is a cost effective raw material that produces superior stability, film forming and imparts a non-waxy feel when compared with other conventional carnauba wax blends.

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 the EC-80. This unique new product allows the formulator to add functionality, improve film thickness, and increase water resistance.

Note: Specific product application recommendations are available on request.

TYPICAL PROPERTIES:

Laboratory Tests	Koster Keunen Specs.	Typical Results
Acid Value:	2 - 10	4.5
Melting Point:	81 - 86 °C	84.0 °C
Congeaing Point:	80 - 86 °C	83.0 °C
Saponification Value:	68 - 88	72
Color:	Yellow to Light Brown	Passes

Applications:

Creams, Lotions, Hair Care, Sunscreens, Antiperspirants, Lipsticks, Lipbalms, Makeups & Mascaras. There are formulations where the EC-80 may need secondary emulsifiers to insure complete emulsification.

Regulatory:

INCI Name: Carnauba Wax, Beheneth-5 and Cetearth 20

Information presented herein is believed to be accurate and reliable but is not intended to meet any specification and does not imply any guarantee or warranty by Brenntag Specialties, Inc. (BSI). For more information and assistance, contact Technical Services at 1-800-732-0562.

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