

ProductData



Wax - Technical Grade Self Emulsifying Kester K-82H



Authorized Distributor:

Description:

Self Emulsifying K-82H is a unique wax blend that allows for simplification in formulating. This single wax is used for thickening, film forming and emulsifying, has a non-greasy feel, and gives the final product additional slip feel.

Self Emulsifying K-82H 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 our those found in many natural waxes, are popular for their film forming and barrier properties. In the past, these monoesters have been difficult to stabilize, no longer the case with our S.E. K-82H. 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
Congealing Point:	80 - 86 °C	83.0 °C
Melting Point:	80 - 86 °C	84 °C
Acid Value:	2 - 10	4.5
Saponification Value:	68 - 88	72
Color:	Light Yellow*	Passes

* Improved color stability at high temperatures is observed when compared to Natural Carnauba.

Applications:

Paints, Resin Blends, Inks, Tackifiers, Architectural Coatings, Automotive Coatings, Industrial Wood & Furniture Coatings, Polymer Additives, Floor Polishes, Textile Coatings, Emulsion Additives and Industrial Coatings.

** Depending on the individual formulation, there are instances where the Self Emulsifying K-82H may need secondary emulsifiers to insure complete emulsification.

Regulatory:

INCI NAME: C-20-40 Alkyl Stearate, Cetareth 20 & PEG-14 Stearate.

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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