

ProductData



Wax - Kester Kester Wax K-82H (124)



Koster Keunen, LLC

Waxes of Superior Quality Since 1852

Authorized Distributor:

Description:

Kester Wax K-82-H is a long chain synthetic ester wax prepared by the esterification of natural fatty acids with synthetic fatty alcohols. The primary advantages of K-82-H are its excellent oil-gelling and oil-binding capabilities and broad compatibility with lipid cosmetic ingredients. A wide range of cosmetic oils, including many silicone oils and polar oils, are

gelled at low concentrations of the K-82-H yielding a high gel strengths.

K-82-H also improves the quality of cosmetic sticks by increasing the sticks softening point, and the K-82-H also suppresses migration and improves products homogeneity.

Note: Specific product application recommendations are available on request.

TYPICAL PROPERTIES:

Laboratory Tests	Specifications
Acid Value: (USP 401)	< 6.0
Saponification Value: (USP 401)	72 - 96
Unsaponifiable Matter:	50 - 60
Melting Point: (USP 741, Class II)	80 - 85 °C
Viscosity: (ASTM D2161)	< 9.5 cPs
Penetration @ 25 °C	2 max.
Ester Value: (ASTM D2161)	70 - 90
Color: (Visual)	Light Brown

Compatibility:

Vegetable and Animal Waxes; Natural and Synthetic Resins; Fatty Acids, Fatty Alcohols, Fatty Esters, Glycerides and Hydrocarbons

Uses:

Cosmetics, Lipsticks, Salves, Ointments, Candies, Lacquers, Mold Lubricants, Creams, Pill Glazing

Regulatory Information:

CTFA/INCI NAME: C-20-40 Alkyl Stearate

CAS#: 136097-96-6

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.

• Brenntag Specialties, Inc. • 1000 Coolidge St. • South Plainfield, NJ 07080 •

