

KESTER K-82H

Wax No. 124

Kester Wax K-82H is a long chain synthetic ester wax prepared by the esterification of natural fatty acids with synthetic fatty alcohols. K-82H provides excellent gelling capabilities, has broad compatibility with other cosmetic ingredients, and has many uses and applications.

CHEMICAL PROPERTIES

ANALYTICAL TEST	METHOD	SPECIFICATION	UNITS
Melting Point	USP 741	80-85	°C
Congeeing Point	ASTM D938	77.5-84	°C
Acid Value	USP 401	<6	mg KOH/g
Ester Value	USP 401	70-90	mg KOH/g
Viscosity	ASTM D3236	<9.5	cPs
Color	Visual	Off-White to Light Brown	

FORMULATION GUIDELINES

Kester Wax K-82H can produce multiple textures depending on the application. It can increase thermal stability, gel strength, gloss, hardness, and slip. It can be used at any level to obtain the properties the chemist requires. Applications include color cosmetics, skin and hair care, automotive, polishes, and many industrial applications.

REGULATORY

INCI NAME: C20-40 Alkyl Stearate or Synthetic Beeswax

EU INCI NAME: Synthetic Beeswax

CAS#: 136097-96-6 or 71243-51-1

EINECS#: Not assigned or 275-286-5

KOSTER KEUNEN CODE#: 124

TRADE NAME: Kester Wax K-82H

MINIMUM SHELF LIFE: 2 Years

MANUFACTURED: Watertown, Connecticut, USA

- NOT TESTED ON ANIMALS
- KOSHER
- ORGANIC
- GMO FREE
- NPA
- GRAS

CANADA: Listed as Synthetic Beeswax

JAPAN: Listed as Synthetic Beeswax

CHINA: Listed as Synthetic Beeswax

AUSTRALIA: Listed as Synthetic Beeswax

REACH: Listed as Synthetic Beeswax

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