

KESTER K-82P

Wax No. 154

Kester Wax K-82P is a soft, pliable polyester wax. It has a unique plastic property that imitates the complex ester fraction of beeswax. K-82P suppresses the crystallization of other waxes while retaining high melt points.

CHEMICAL PROPERTIES

| ANALYTICAL TEST | METHOD | SPECIFICATION | UNITS |
|----------------------|------------|-----------------------------|----------|
| Melting Point | USP 741 | 70-85 | °C |
| Acid Value | USP 401 | <10 | mg KOH/g |
| Saponification Value | USP 401 | 50-90 | mg KOH/g |
| Penetration | ASTM D1321 | 40-60 | dmm |
| Color | Visual | Light Yellow to Light Brown | |

FORMULATION GUIDELINES

Formulators can use K-82P to gain a creamy feel and high payoff in anhydrous systems. It can be used in emulsions to boost film forming and SPF values, to stabilize challenging formulas and stop crystallization. Applications include color cosmetics, skin and hair care, inks, polishes, and other industrial applications.

REGULATORY

INCI NAME: C18-38 Alkyl Hydroxystearoyl Stearate or Synthetic Beeswax

EU INCI: Synthetic Beeswax

CAS#: Not assigned or 71243-51-1

EINECS#: Not assigned or 275-286-5

KOSTER KEUNEN CODE#: 154

TRADE NAME: Kester Wax K-82P

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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