

ProductData



Wax - Technical Grade Kester Waxes -



Authorized Distributor:

Description:

Kester Waxes are long chain synthetic ester waxes prepared by the esterification of natural fatty acids with synthetic fatty alcohols. The primary advantages of the **KE-**

STER WAXES are their excellent oil gelling and oil binding capabilities, and the **KESTER WAXES** broad compatibility with lipid cosmetic ingredients.

Note: Specific product application recommendations are available on request.

Technical Information:

Kester Wax: K82H:

Kester Wax K82H is a hard, high melting point ester wax very similar to the monoester fraction of beeswax. This Kester wax has extraordinary oil-gelling capabilities, the Kester wax will gel silicone oils at very low percentages. K82H increases the softening point of sticks, and suppresses migration of oils, and will improve the homogeneity of the stick.

Applications:

Color Concentrates, Extrusion Lubricant, Moisture Barrier, Paints, Paraffin Modifiers, Printing Inks, Plastic Processing, Crayons, Textile Coatings, Furniture Coatings & Agro Chemical Coatings.

Kester Wax K82P:

Kester Wax K82P is a soft ester wax with properties similar to the complex polyester fraction of beeswax, the same fraction that gives beeswax its unique plastic properties. Incorporating Kester Wax K82P in sticks improves its film forming, adhesion and plasticity. Kester Wax K82P suppresses the crystallization of castor waxes and other triglyceride waxes. This high melting point wax is pliable at room temperature.

Applications:

Color Concentrates, Extrusion Lubricant, Moisture Barrier, Paints, Paraffin Modifiers, Printing Inks, Plastic Processing, Crayons, Furniture Coatings & Agro Chemical Coatings.

Kester Wax K82D:

Kester Wax K82D is a high molecular weight dimer acid ester with very strong gelling properties in oils. Kester Wax K82D has application in anhydrous systems due to its amorphous nature. Kester Wax K82D is a replacement for mineral waxes such as: paraffins, microcrystalline, ceresines, and ozokerite waxes in most anhydrous applications.

Applications:

Gels and Thickening Agent for Solvents (mineral wax replacements), Inks, Resin & Paraffin Blends.

Trade Names

Kester Wax K82H
Kester Wax K82P
Kester Wax K82D

INCI/CTFA Names

Synthetic Beeswax
Synthetic Beeswax
Synthetic Wax

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