

ProductData



Wax - Beeswax

White - 100, 222, Yellow - 101, 315



Koster Keunen, LLC

Waxes of Superior Quality Since 1852

Authorized Distributor:

DESCRIPTION:

Beeswax is secreted by the glands of the honeybee (*Apis Mellifera*) and is used as a building material for honeycombs. Modern agriculture depends on professional beekeeping for pollination of crops. The large number of agricultural countries exporting beeswax ensures that beeswax is never in short supply. Because of the highly complex composition of beeswax and its soft pliable nature, beeswax remains an indispen-

sable raw material for many finished products even after centuries of commercial use.

For each customer's application we guarantee consistent quality and availability by careful blending of selected waxes. Quality is strictly controlled in our modern production facilities as well as in our well-equipped laboratory.

Note: Specific product application recommendations are available on request.

TYPICAL PROPERTIES:

Composition:

Monoesters:	45 to 55%
Hydrocarbons:	15 to 18%
Free Fatty Acids:	10 to 15%
Di and Complex Esters:	8 to 12%
Hydroxy Monoesters:	4 to 6%
Free Fatty Alcohol:	1 to 2%
Minor Components:	5 to 10%

Chemical Properties:

Melting Point:	61°C - 65 °C
Cloud Point:	< 65 °C
Flash Point:	242 °C - 250 °C
Specific Gravity @ 25 °C:	0.950 - 0.960
Saponification Value:	88 - 102
Acid Value:	17 - 24
Ester Value:	72 - 79
Ester-Acid Ratio:	3.3 - 4.2
Iodine Value:	8 - 11

Compatibility:

Plant, Animal and Mineral Waxes; Fatty Acids, Fatty Alcohols, Glycerides, Hydrocarbons, Synthetic Waxes and most other Waxes, Resins and Oils.

Uses:

Creams, Lotions, Cold Creams, Depilatories, Ointments, Salves, Sustained Release in Pharmaceuticals and Emulsions other than Cosmetics.

Regulatory Information:

FDA Approved Under Regulation 21 CFR 184.1973

CAS# 8006-40-4 White Beeswax, & 8012-89-3 Yellow Beeswax

Japanese Name: Beeswax/JSCI-11-37.

EU Label Name: Cera Alba

EINECS Number: 232-383-7

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