

PRODUCT DATA SHEET

Product: Beeswax White

Product number(s): E00003

Description:

This natural animal wax is a complex mixture of ca. 70 % non-glyceride esters (C38->C62), ca. 12-15 % fatty acids (C16-C36) and ca. 12-16 % paraffinic hydrocarbons (C21-C35). Beeswax can be used in the entire range of cosmetic products, for example in W/O and O/W formulations, sticks, salves, make-up, hair care products, etc. Advantages of beeswax are high binding strength, pronounced plasticity, excellent emulsifiability, relatively low melting point, highly occlusive character. In sticks beeswax improves structure, oil retention, firmness, adhesion, pay-off and mould release. In emulsions beeswax functions as a consistency regulator and as a (co-)emulsifier and contributes to skinfeel, emolliency, barrier function and appearance. Compatibility of beeswax with other waxes is excellent. Koster Keunen ensures at all times the availability and constant quality of its beeswax.

Applications: Cosmetics: Creams, lotions, sticks, sun care, make-up, hair care

Specifications		Method
Drop melting point (°C)	61 - 66	Ph. Eur. Beeswax
Acid value (mg KOH/g)	17,0 - 24,0	Ph. Eur. Beeswax
Ester value (mg KOH/g)	70 - 80	Ph. Eur. Beeswax
Saponification value (mg KOH/g)	87 - 104	Ph. Eur. Beeswax

Typical values		
Odour	Typical	
Colour	White	
Form	Pastilles	

Other information	
CTFA/INCI-Name	Beeswax
EU-Name	Cera Alba
Retest date	3 years after production date

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