



SYNTHETIC BEESWAX

PROPERTIES

SYNTHETIC BEESWAX is a match of the physical and chemical properties of the natural product. This is achieved by blending a mixture of fatty acid esters, fatty acids, and alcohols from a non-animal raw material source to very closely meet the chemical composition of natural beeswax.

In emulsions, **SYNTHETIC BEESWAX** facilitates the formation of stable emulsions. It functions as a consistency regulator and as a (co-) emulsifier. In addition it increases the water holding capacity by creating a protective barrier on the surface of the skin. Therefore, **SYNTHETIC BEESWAX** helps to moisturize the skin and restore skin's suppleness.

Due to its visco-elastic structure, **SYNTHETIC BEESWAX** is also a preferred ingredient for decorative formulations, it improves structure, oil retention, firmness, adhesion, pay-off and mould release. It also contributes to increase substantivity and shine in lipstick and lipbalm formulations.

In formulation where natural ingredients are not required **SYNTHETIC BEESWAX** can be used to replace natural Beeswax to realize cost saving.

COSMETIC APPLICATIONS

Decorative (1 to 12%).....Lipstick, eyeliner, mascara, cosmetic pencil, lipbalm
 Skincare (0,5 – 5%).....Emulsion W in O, O in W
 Natural depilatory waxes (0,5 – 5%)
 Hair care (0,5 – 6%).....Conditioner, styling wax, hair masks
 Candles, soaps.

TECHNICAL DATA

Appearance:	White pellets
Melting point	60 – 67 °C
INCI	Synthetic Beeswax