



Koster Keunen Holland bv

PRODUCT DATA SHEET

Kester Wax K30G

Kester Wax K30G is a unique very low melting, hard and brittle, powdery wax. It is manufactured by esterification of a special long chain guerbet alcohol with vegetable fatty acids. This synthetic specialty wax remarkably combines hardness and a high molecular weight with a melting point just below body temperature. Its molecules have a remarkable star-like shape consisting of three outward directed alkyl chains of similar length with the ester bond located in the center of the molecule. On the skin Kester Wax K30G gives a silicone like feel. This wax improves the sensory properties of formulations. Due to its low melting point this emollient wax melts on the skin. It contributes to texture, skin feel, lubricity and improves the spread and slip properties of a formulation, while reducing greasiness, stickiness and occlusivity. The absence of unsaturation provides good chemical and thermal stability. As a true wax Kester wax K30G performs typical wax functions such as moderate gelling and thickening of many cosmetic oils. Kester Wax K30G is off-white in colour and has a low odour.

Applications : sticks, decorative cosmetics, mascara, emulsions.

Specifications

Colour:	White to off-white	
Congeaing point:	28 - 33 °C	ASTM D 938
Melting Point	33 - 38 °C	USP, Class II
Acid value:	< 3 mg KOH/g	ASTM D 1386
Saponification value:	63 – 70 mg KOH/g	ASTM D 1387

INCI/CTFA name : Tetradecyloctadecyl Stearate
CAS-Nr. 68201-22-9
EINECS-Nr. 269-209-4