

Sunflower Wax



Sunflower Wax is a hard, crystalline, high melting-point vegetable wax obtained through the winterization of sunflower oil. It is Ecocert Certified. Sunflower Wax consists of long chain saturated C-42 to C-60 esters derived from fatty alcohols and fatty acids. In many formulations Sunflower Wax can be used as an alternative for Rice Bran Wax, Carnauba Wax, and Candelilla Wax. Sunflower Wax functions to regulate consistency in sticks and emulsions and has very strong oil gelling properties when used in concentrations as low as 4%. Our special Sunflower Wax is light in color and has very low odor.

Applications:

Lipsticks, Mascaras, Decorative Cosmetics, Lip Balms, and Emulsions.

Advantages:

Sunflower Wax improves the hardness, texture, strength, and mold release of sticks. It also acts as a consistency modifier in sticks and emulsions. Sunflower Wax can be used as a thickener and to improve oil binding, emolliency, film formation, and lubricity.

Regulatory:

INCI Name: Helianthus Annuus (Sunflower) Seed Oil CAS#: 8001-21-6

SPECIFICATIONS:						
Wax#	Wax Name	Melting Point	Acid Value	Saponification Value	Iodine Value	Color
258	Sunflower Wax	74 - 77°C	<5	78 - 92	–	Light Yellow
224	Rice Bran Wax	78 - 82°C	≤13	75 - 120	≤20	Yellow to Light Brown
429	Jjoba Wax	68 - 73°C	<5	–	–	White
424	Sumac Wax	44 - 54°C	6 - 30	206 - 237	–	White to Light Yellow
112	Synthetic Japan Wax	48 - 56°C	6 - 30	206 - 237	–	–
COMPOSITION:						
Wax#	Wax Name	Monoesters	Phospholipids	Triglycerides	Diglycerides	Free Fatty Acids
258	Sunflower Wax	97 - 100%	0 - 3%	–	–	0 - 1%
224	Rice Bran Wax	92 - 97%	3 - 8%	–	–	0 - 2%
429	Jjoba Wax	98 - 100%	–	–	–	0 - 1%
424	Sumac Wax	–	–	90 - 100%	0 - 5%	0 - 5%
112	Synthetic Japan Wax	–	–	90 - 100%	0 - 5%	0 - 5%

Specific waxes that are most appropriate for this category have been highlighted here