

Orange Peel Wax



Koster Keunen has produced the first commercially available fruit wax. Orange Wax is an all natural semi-solid wax derived from the rind of the orange through physical processing (no chemical reactions or solvent extraction). The wax in the peel of the fruit protects the fruit against the environment while at the same time allowing the orange to breathe and maintain its essential water balance. This wax offers similar protection to the skin.

Applications:

Creams, Lotions, Sunscreens, Hair Conditioners, Shampoos, Lipsticks, Make-ups, Mascaras, Stick Pencils, and Ointments.

Advantages:

Orange Wax is an emollient and moisturizer with an excellent skin feel. The phytosterol esters in Orange Wax are co-emulsifiers, which aid in stabilizing emulsions. Orange Wax also acts as a sunscreen enhancer, anti-inflammatory, lanolin substitute, free radical scavenger, offers mild anti-microbial activity, and is non-phototoxic.

Regulatory:

INCI Name: Citrus Aurantium Dulcis (Orange) Peel Wax

CAS#: 144514-51-2

| Wax# | Wax Name | Melting Point | Congeaing Point | Acid Value | Saponification Value | Hydroxyl Value | Appearance | | | |
|-----------------------|-----------------------|------------------|-----------------|--------------------|----------------------|----------------|-------------|-------------|---------------|------------|
| 139 | Deodorized Orange Wax | 35 - 60°C | 30 - 55°C | 10 - 30 | 70 - 110 | 10 - 40 | Semi Solid | | | |
| COMPOSITION - Orange: | | | | | | | | | | |
| Monoesters | | Free Fatty Acids | Hydrocarbons | Phytosterol Esters | Phytosterols | Free Alcohols | Carotenoids | Glycolipids | Phospholipids | Flavonoids |
| 50 - 65% | | 6 - 15% | 8 - 15% | 5 - 18% | 4 - 8% | 2 - 7% | 0.5 - 2% | 0.5 - 2% | 0.5 - 2% | 0.2 - 1% |

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