

Siliconyl Beeswax



Siliconyl Beeswax is a very convenient way to incorporate silicone into formulations. The silicone ester of beeswax eliminates the tendency of blooming in silicone oils, thereby increasing the stability of the formulation. Siliconyl Beeswax also reduces tackiness and imparts a silky feel to the skin. Siliconyl Beeswax is highly compatible with most other cosmetic ingredients.

Applications:

Creams, Lotions, Anhydrous Gels, Lipsticks, Make-ups, Mascaras, and Hair Care.

Advantages:

Siliconyl Beeswax is a highly compatible wax used for its excellent moisturizing, film forming, and emollience properties. Siliconyl Beeswax also acts as a stabilizer, crystallization inhibitor, pigment dispersant aid, and sunscreen enhancer.

Regulatory:

INCI Name: Bis-PEG-12 Dimethicone Beeswax

CAS#: 151661-97-1

Wax#	Wax Name	Melting Point	Acid Value	Saponification Value	Congeeing Point	Color
189	Siliconyl Polyethylene	–	–	–	65 - 75°C	White
447	Siliconyl Polyethylene PC-38	–	–	–	60 - 75°C	White
233	Siliconyl Candelilla	62 - 75°C	<3.5	45 - 65	–	Light Brown to Red Brown
163	Siliconyl Beeswax	62 - 72°C	<4.5	70 - 90	–	White to Light Yellow
355	Siliconyl Carnauba	78 - 85°C	<8	60 - 80	–	Light Brown to Red Brown

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