

Siliconyl Carnauba



Siliconyl Carnauba Wax is a new silicone wax with unique formulating advantages. The starting point is Type 1 Yellow Carnauba Wax to which silicone plasticizers are added making Siliconyl Carnauba Wax less crystalline than natural carnauba wax. Reducing crystallization in waxes produces a raw material with greater application potential, improved stability, and greater control in formulating.

Applications:

Release Agents, Paints, Resin Blends, Inks; Agro Chemical, Automotive, Industrial, Wood, Textile, and Furniture Coatings; Polymer Additives, Floor Polishes, Emulsion Additives, Lipsticks, Make-ups, Eye Liners, Lip Balms, Mascaras, Stick Pencils, Sun Care, Creams, Lotions, Hair Care, and Antiperspirants.

Advantages:

Siliconyl Carnauba Wax is used to add hardness and slip, as a thickener, viscosity modifier, non-grainy gelling agent, and melting point modifier. Siliconyl Carnauba retains the hardness and melting point of the original natural wax.

Regulatory:

INCI Name: Copernicia Cerifera (Carnauba) Wax, Stearoxy Dimethicone

CAS#: 8015-86-9, 68554-53-0

| 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