

sonneborn

REFINED PRODUCTS



Sonnecone™ DM1

Petrolatum with “silicone-like” attributes

Sonnecone™ DM1 (patent pending) is one of the recent additions to Sonneborn’s extensive product portfolio that combines the advantages of a Petrolatum with the easy handling and sensory feel of white mineral oils.

Inspired by evolving market trends, we have developed a petrolatum that can be a suitable replacement for silicones in cosmetic formulations.

It is a 100% USP Petrolatum that also meets the FDA requirements for food grade petrolatum in 21CFR 172.880.

It is a soft, translucent-white, high gloss product with good slip, long play time and soft, dry afterfeel. The combination of softness and relatively low melting point makes it melt at skin temperature while featuring excellent spreadability and low tack.

Special Attributes

- Suitable for mineral oil free formulations
- Melts at skin temperature
- Excellent spreadability
- Easy handling
- Long play time
- Low tack
- Soft, dry afterfeel

- INCI name: Petrolatum

Typical Properties

Cone Penetration	ASTM D937	270 dmm
Drop Melting Point	ASTM D127	41 °C
Color, Lovibond 2”	IP 17	0.2 Y
Purity	USP	complies
Viscosity @ 25°C	Dynamic Viscometer	~ 150,000 cps

Applications

The combination of a Petrolatum with silicone-like properties makes this a very versatile product. Sonnecone™ DM1 is recommended for use in cosmetic applications where an emollient and moisturizer is required.

- Hand/Body Lotion
- Hair Conditioner
- Scalp protector
- Body Wash
- Massage Cream
- Sun care or SPF product

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