

ProductData



Wax - Technical Grade Siliconyl Behenyl Alcohol



Authorized Distributor:

Description:

Siliconyl Behenyl Alcohol is a blend of fatty alcohols and steroxy dimethicone that possesses unique properties when compared with conventional fatty alcohols. Blend-

ing various molecular weight fatty alcohols with a silicone wax reduces the crystalline structure and slip properties of this wax, thereby enhancing the functionality and improving its benefits in many applications.

Note: Specific product application recommendations are available on request.

TYPICAL PROPERTIES:

Laboratory Tests	Koster Keunen Specs.	Typical Results
Melting Point: USP <741> Class II	60 - 70 °C	63.5 °C
Acid Value: USP <401>	Not More Than 0.5	Nil
Saponification Value: USP <401>	Not More Than 0.5	Nil
Hydroxy Value: USP <401>	120 - 140	128.0
Free Fatty Alcohols: KKI	75 - 90%	82.0%
Color: Visual	White to Off White	Passes

Applications:

Siliconyl Behenyl Alcohol functions as a thickener, binding agent and gellant. Unique solublizing properties are seen when coupling cyclomethicones and polar oils such as, castor oil.

Uses:

Sealants for concretes and decks, with improved solubility over conventional hydrocarbon formulas.

Concentrations Used:

5 - 20%

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