

ProductData



Wax - Siliconyl Polyethylene (189P)



Authorized Distributor:

Description:

Siliconyl Polyethylene is a mixture of polymers with unique formulating advantages. The starting point is a low melting point polyethylene reacted with dimethi-

cone. Siliconyl Polyethylene is used as a thickener and viscosity modifier. It also imparts hardness and slip, and is a melting point modifier and gelling agent.

Note: Specific product application recommendations are available on request.

TYPICAL PROPERTIES:

Laboratory Tests	Koster Keunen Specs.	Typical Results
Congealing Point: (ASTM D938)	65 - 75 °C	70 °C (Higher Congealing Points are available)
Absorptivity: (USP <851>)	Not Greater than 0.01	Passes
Heavy Metals: (USP <231>)	Not Greater than 0.002%	Passes
Oil Content: (ASTM D721-68)	Not Greater than 0.75%	0.1%
Color: (Saybolt)	+ 15 Minimum	+ 20

Applications:

Siliconyl Polyethylene is used as a thickener, viscosity modifier, to add hardness and slip. It is also used as a melting point modifier, gelling agent, sunscreen enhancer, film former, and as a dispersant aid.

Uses:

Lipsticks, Make-ups, Eye Liners, Lip balms, Mascaras, Stick Pencils, Sun Care, Creams, Lotions, Hair Care & Antiperspirants.

Regulatory Information:

INCI Name: Polyethylene **CAS:** 9002-88-2
Stearoxy Dimethicone **CAS:** 68554-53-0

Information presented herein is believed to be accurate and reliable but is not intended to meet any specification and does not imply any guarantee or warranty by Brenntag Specialties, Inc. (BSI). For more information and assistance, contact Technical Services at 1-800-732-0562.

• Brenntag Specialties, Inc. • 1000 Coolidge St. • South Plainfield, NJ 07080 •

