

Technical Data Sheet

Product Name: AM 118
Product Code: AM 118
INCI Name: Stearyl Methicone
CAS #: 68607-75-0
EINECS # N/A; polymer
Date Issued 07/28/09
Revision Number: 2; jch

Description:

AM 118 is a C₁₈ alkyl substituted silicone wax that provides a rich emollient feel to skin care and lip products. Transepidermal moisture loss studies showed that, unlike dimethyl fluids, AM 118 reduces water loss.

Typical Properties

Note: The values below are typical, not intended for use in preparing specifications. Please contact the Gelest PCS sales representative when writing specifications.

<u>Test</u>	<u>Parameter</u>
Appearance	White solid to off white solid
Odor	Slight, characteristic
Pour Point	35-50°C
Viscosity	250-400 cPs @ 50°C

Solubility

Dimethicone/10cSt	PS
Cyclopentasiloxane	I
Ethylhexyl Palmitate	S (hot)
Hydrogenated Polydecene	S (hot)
Octyldodecanol	S
Triisostearyl Citrate	S (hot)
Octyldodecyl Stearate	S
Castor Oil	D

Water in Silicone Foundation

GJH2-8-1

	<u>Ingredient</u>	<u>%</u>
	Deionized Water	48.90
	Magnesium Sulfate	0.20
	Butylene Glycol	6.00
	Methylparaben	0.20
	Benzoic Acid	0.10
	Cyclopentasiloxane	15.00
	DE 12 Polydiethylsiloxane	5.00
	AM 118 Stearyl Methicone	1.00
	PEG-9 Polydimethylsiloxylethyl Dimethicone	2.00
	Laureth-7	0.50
	Propylparaben	0.10

Color Grind

DE 12 Polydiethylsiloxane	7.00
Methicone treated pigments	<u>14.00</u>
	100.00