

# Technical Data Sheet

**Product Name:** PM 212  
**Product Code:** PM 212  
**INCI Name:** Lauryl Phenylpropyl Methicone  
**CAS #:** 68037-76-3  
**EINECS #** N/A; polymer  
**Date Issued** 01/15/08  
**Revision Number:** 1; jch

## Description:

PMM 212 is a viscous, high refractive index fluid that gives high luster and shine to lip products. Products formulated with PM 212 resist feathering and creeping, improving the wear of lip glosses and lipsticks. PM 212 also improves skin adhesion and film forming in skin care products.

## 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	Clear to straw colored liquid
Odor	Slight, characteristic
Refractive Index	1.464 @ 25°C
Viscosity	1,000-2,000 @ 25°C

## Solubility

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

## Gloss Lipstick

### GJH1-69-1

<u>Ingredient</u>	<u>%</u>
Castor Oil	8.45
Octyldodecanol	10.00
Triisostearyl Citrate	20.00
DE 15 Polydiethylsiloxane	10.00
PM 212 Lauryl Phenylpropyl Methicone	10.00
Carnauba	1.50
Candelilla	7.00
Microcrystalline Wax 170/180	3.50
Ozokerite 170/180	2.00
Preservatives, antioxidants	0.25
<u>Color Grind</u>	
Castor Oil	9.10
Pigment	10.20
Mica (and) Titanium Dioxide	<u>8.00</u>
	100.00