

## Solvay ALKAMULS<sup>®</sup> 504/V Surfactant

Category : Fluid , Other Engineering Material , Additive/Filler for Polymer

**Material Notes:**

Chemical Name: ETHYLENE GLYCOL DISTEARATE CAS: 627-83-8 Available in: Asia Pacific, Europe, Latin America and North

America Applications: Ethylene glycol distearate is widely used in cosmetics as pearlizing or opacifying agent. When properly formulated in shampoo, bodywash, hand soaps or other liquid soaps it will form a crystalline structure that gives a pearlescent appearance. Typical use level is 0.5 to 3%. In creams and lotions it will provide opacity and some emolency. Alkamuls 504V is provided in a solid flake form which must be heated in the available water portion of the formula to approximately 70-75C. Pearlescence will occur upon cooling. For liquid pearlescent systems see Rhodia's Mirasheen product line. Information provided by Rhodia, Rhodia has been acquired by Solvay.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Solvay-ALKAMULS-504V-Surfactant.php](http://www.lookpolymers.com/polymer_Solvay-ALKAMULS-504V-Surfactant.php)

Thermal Properties	Metric	English	Comments
Melting Point	70.0 - 75.0 °C	158 - 167 °F	

Processing Properties	Metric	English	Comments
Moisture Content	<= 0.50 %	<= 0.50 %	Karl Fisher; RP-0327

Descriptive Properties	Value	Comments
Appearance	Clear, pale yellow-green liquid	Molten, RP-0064
	White to pale yellow flake	RP-0064
Composition	Diester	>92%, RP-1407
	Ethylene Glycol	<0.5%, RP-1407
	Fatty Acid	<0.1%, RP-1407
	Monoester	<8.0%, RP-1407

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