

XIAMETER[®] MEM-0939 Emulsion

INCI NAME: Amodimethicone and Trideceth-12 and Cetrimonium Chloride

FEATURES

- Easy to formulate into hair treatment products
- Good dilution stability

BENEFITS

- Improves wet combing
- Compatible with cationic surfactants

COMPOSITION

- Amine-functional silicone polymer in water

APPLICATIONS

- Hair care applications: shampoos, conditioners, styling aids.
- Conditioning agent

TYPICAL PROPERTIES

Specification Writers: These values are not intended for use in preparing specifications. Please contact your local XIAMETER[®] sales representative prior to writing specifications on this product.

Parameter	Unit	Result
Silicone Content	percent	35
Color		Milky white
Consistency		Water thin
Internal Phase Viscosity	cSt	2000
Freeze / Thaw Stability	cycles	>6
pH		7.6
Suitable Diluent		Water
Emulsion Type		Cationic

DESCRIPTION

XIAMETER[®] MEM-0939 Emulsion is a 35 percent cationic emulsion of an amine-functional silicone polymer. The amodimethicone active is delivered in an opaque, low viscosity liquid with a neutral pH. It contains a non-tallow derived quaternary-amine surfactant and a biodegradable non-ionic surfactant. This emulsion enhances the conditioning performance of shampoos, conditioners and styling aids. The product provides easy formulation and good dilution stability.

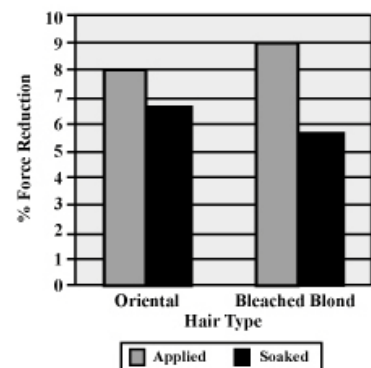
HOW TO USE

XIAMETER MEM-0939 Emulsion is successfully used in a variety of hair care applications such as shampoos, conditioners, styling aids and hair colorants.

XIAMETER MEM-0939 Emulsion improves wet combing (Figures 1 and 2) when added at 2 to 6 percent of the formulation.

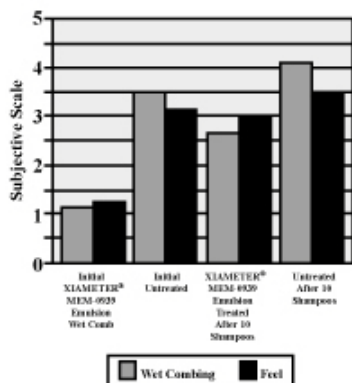
Performance will depend upon final formulation.

Figure 1: Instron[®] Wet Combing Evaluation – 1 mg Silicone Applied to 2 g Hair Tress



Instron is a registered trademark of Illinois Tool Works Inc. (ITW).

Figure 2: Performance Evaluation Dip Bath – 2 Weight Percent Solute



PRODUCT SAFETY INFORMATION

PRODUCT SAFETY INFORMATION REQUIRED FOR SAFE USE IS NOT INCLUDED IN THIS DOCUMENT. BEFORE HANDLING, READ PRODUCT AND MATERIAL SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL, ENVIRONMENTAL, AND HEALTH HAZARD INFORMATION. THE MATERIAL SAFETY DATA SHEET IS AVAILABLE ON THE XIAMETER WEB SITE AT WWW.XIAMETER.COM.

This product is susceptible to microbial contamination. Please use appropriate storage and handling procedures to prevent contamination.

STORAGE

Product should be stored at or below 32°C (89.6°F) in original, unopened containers. The most up-to-date shelf life information can be found on the XIAMETER Web site in the Product Detail page under Sales Specification.

LIMITATIONS

This product is neither tested nor represented as suitable for medical or pharmaceutical uses. Not intended for human injection. Not intended for food use.

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