



Technical Data Sheet

XIAMETER™ MEM-0939 Emulsion

INCI NAME: Amodimethicone and Trideceth-12 and Cetrimonium Chloride

Features & Benefits

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

Property	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. This emulsion enhances the conditioning performance of shampoos, conditioners and styling aids. The product provides easy formulation and good dilution stability.

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XIAMETER™ MEM-0939 Emulsion

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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.

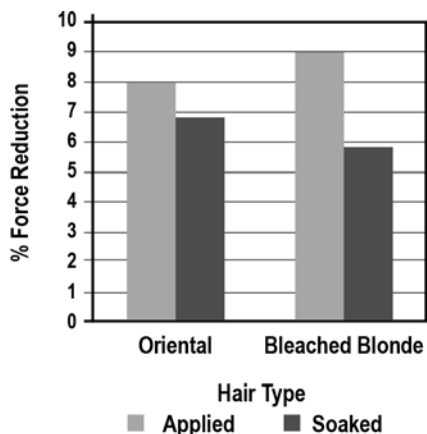


Figure 1: Instron® Wet Combing Evaluation – 1 mg Silicone Applied to 2 g Hair Tress

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

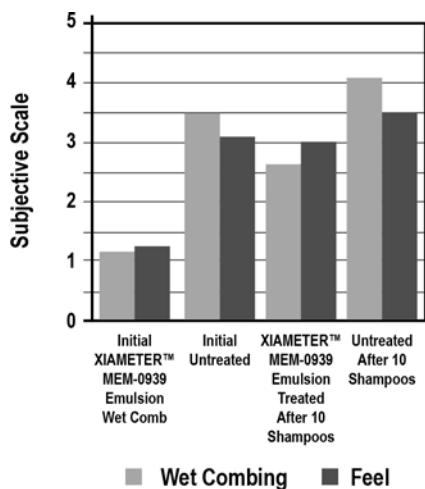


Figure 2: Performance Evaluation Dip Bath – 2 Weight Percent Solute

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Handling
Precautions

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Usable Life And
Storage

Product should be stored at or below 32°C (89.6°F) in original, unopened containers.

Limitations

This product is neither tested nor represented as suitable for medical or pharmaceutical uses.

Health And
Environmental
Information

To support customers in their product safety needs, Dow has an extensive Product Stewardship organization and a team of product safety and regulatory compliance specialists available in each area.

For further information, please see our website, www.consumer.dow.com or consult your local Dow representative.

<http://www.xiameter.com>

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