



DATA SHEET

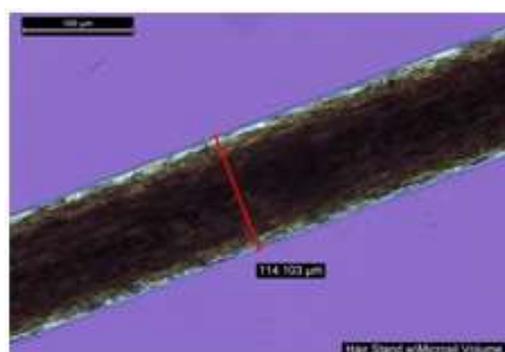
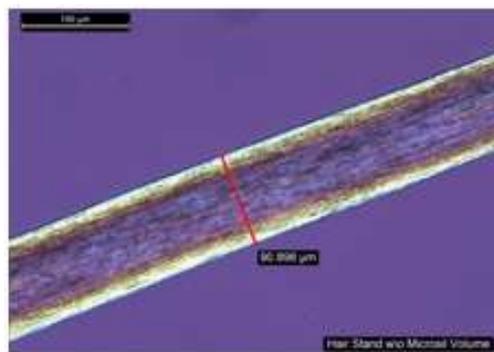
MICROSIL® VOLUME

Propoxytetramethyl Piperdiny Dimethicone (and) Cetrimonium Chloride (and) Trideceth-6 (and) C11-C15 Pareth-7

MICROSIL® VOLUME is a clear, cationic, aqueous silicone micro-emulsion. MICROSIL® VOLUME is a balanced combination of patented cationic hindered amino functional silicone polymer in combination with an organic quaternium salt. The active silicones used in MICROSIL® VOLUME act as free radical scavengers and anti-oxidants which aid in overall health of the hair through protection from heat, UV rays and other environmental factors.

This highly functional cationic complex was developed as an exceptional hair conditioning additive that noticeably increases hair volume (23% increase in lab testing, see below) and creates fuller hair and body when formulated in crème conditioners, crème rinses and other specialty hair treatment products. It can also be used to formulate clear hair care products.

MICROSIL® VOLUME provides increased hair volume, softness and shine in any conditioning hair formulation at usage levels of 5-10%



Testing Company: LA Testing Labs | Date of test: April 16, 2012
 Test methods: Polarized Light Microscopy, epi-Reflected Light Microscopy and Stereo Microscopy | Hair Type: Human female hair.

BENEFITS

- Thicker Fuller Hair
- Increased Hair Volume
- Anti-Static Control and Softness
- Enhanced Hair Shine
- Clear Versatile Raw Material

APPLICATIONS

- Hair Care: Volume Increasing Hair Conditioners, Conditioning Hair Treatments, Clear Conditioning Formulation

TYPICAL PROPERTIES

Not intended for use in preparing specifications

SOLUBILITY	Water Dispersible
IONIC STRENGTH	Cationic
APPEARANCE	Clear to Transparent
ODOR	Characteristic
SOLIDS %	25%
Ph	6 - 7
USAGE LEVEL	5 – 10%

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