



Technical Data Sheet

XIAMETER™ PMX-1418 Fluid

A blend of ultra-high molecular weight polydimethylsiloxane with an intermediate viscosity polydimethylsiloxane fluid.

INCI: Dimethicone

Features & Benefits

- Blend of ultra-high molecular weight dimethicone gum with an intermediate viscosity dimethicone fluid
- Cost effective delivery of dimethicone gum
- 100% silicone
- Provides easy combing and detangling for wet or dry hair
- Provides lubricious, smooth feel to the hair
- The gum adds gloss and softness
- Fast acting

Composition

- Ultra-high viscosity dimethicone
- Intermediate viscosity dimethicone

Applications

- XIAMETER™ PMX-1418 Fluid is a fast acting, strong performing conditioning agent for hair care products, particularly rinse-off shampoos and rinse-off conditioners. It is made up of a special blend of two dimethicone polymers to provide balanced conditioning in terms of wet and dry combing ease, softness, detangling, smoothness and gloss.

Typical Properties

Specification Writers: These values are not intended for use in preparing specifications.

CTM ¹	Property	Unit	Result
0050	Viscosity	cP	600,000

1. CTM: Corporate Test Method, copies of CTMs are available on request.

Description

XIAMETER PMX-1418 Fluid is a blend of ultra-high molecular weight dimethicone gum in an intermediate viscosity dimethicone fluid.

How To Use

XIAMETER PMX-1418 can be either pre-emulsified or directly added to hair care formulations such as shampoos or conditioners. Additional surfactants or thickeners may be required depending on the formulation.

**Handling
Precautions**

PRODUCT SAFETY INFORMATION REQUIRED FOR SAFE USE IS NOT INCLUDED IN THIS DOCUMENT. BEFORE HANDLING, READ PRODUCT AND SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL AND HEALTH HAZARD INFORMATION. THE SAFETY DATA SHEET IS AVAILABLE ON THE DOW WEBSITE AT WWW.CONSUMER.DOW.COM, OR FROM YOUR DOW SALES APPLICATION ENGINEER, OR DISTRIBUTOR, OR BY CALLING DOW CUSTOMER SERVICE.

**Usable Life And
Storage**

Product should be stored at or below 40°C (104°F) in original, unopened containers.

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.

**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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