



Technical Data Sheet

XIAMETER™ MEM-3422 Emulsion

Aqueous emulsion of silicone fluid

Features & Benefits

- No pre-cleaning of molded parts required before painting
- No build up on metal molds
- Excellent wetting and spreadability
- Heat stable

Applications

- Release of polyurethane micro cellular molded parts, such as car bumpers, crash pads, dashboards and furniture parts (integral skin).

Typical Properties

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

Test ¹	Property	Unit	Result
0862	Active material content	%w/w	60
0176	Appearance		White emulsion
	Consistency		Pourable liquid
0007	pH		7.5
	Emulsifier type		Nonionic
	Diluent		Water

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

How To Use

XIAMETER™ MEM-3422 Emulsion is supplied as a 60% silicone emulsion, so that users may choose their own application concentration. It is generally diluted to 1–10% solids and applied by either spraying or by brush to the mold surface. This is done every 1–5 cycles.

To achieve optimum performance, all of the water should be evaporated from the mold, leaving a continuous film of silicone. Usage levels will depend on the mold size and configuration. A starting figure would be 5 g of 60% emulsion per 1000 cm² of mold surface.

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XIAMETER™ MEM-3422 Emulsion

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Handling
Precautions

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Usable Life And
Storage

Product should be stored at or below 35°C in original, unopened containers.

XIAMETER MEM-3422 Emulsion is supplied with a biocide.

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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