



Technical Data Sheet

XIAMETER™ MEM-5009 Emulsion

Aqueous Emulsion of polyalkyl, alkarylsiloxane

Features & Benefits

- Excellent for release of parts to be coated, painted, bonded or plated
- Emulsion stable to dilution and shear
- Efficient release agent (low amounts required)
- Designed for easy formulation with other release aids
- Designed for release of articles which require post-finishing

Applications

- Moulding, casting and extrusion of aluminum and aluminum alloys

Typical Properties

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

Test ¹	Property	Unit	Result
0176	Appearance		Milky white emulsion
0862	Non-volatile content	%	54
0001	Specific gravity at 25°C/15.6°C	g/ml	1.0
	Emulsifier type		Non-ionic/anionic, non APEO
	Diluent		Water

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

Description

XIAMETER™ MEM-5009 Emulsion has been specially formulated for a wide variety of uses as a release agent. The silicone oil phase is compatible with many organic finishing agents (paints / coatings / adhesives). XIAMETER MEM-5009 Emulsion can be recommended for the release of articles where post-finishing is requested.

How To Use

Wipe, brush or spray the emulsion in diluted form. Recommended starting dilution is 1:100 (XIAMETER MEM-5009 Emulsion to water). To determine the best conditions of dilution and application on a test sample before use.

Post-Finishing

Cleaning of the moulded parts prior to finishing is still recommended.

Handling Precautions

Avoid contact with eyes and skin.

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Storage

Product should be stored at or below 50°C 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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