

XIAMETER® brand Silicone Fluids for the Personal Care Industry

The XIAMETER® brand from Dow Corning offers a range of silicone fluid products to meet the diverse needs of the personal care industry.

VOLATILE FLUIDS

Product	INCI Nomenclature	Viscosity (cSt)	Specific Gravity	Refractive Index	Solubility Parameter	Flash Point (°C)	Applications
XIAMETER® PMX-0244 Cyclotetrasiloxane	Cyclotetrasiloxane	2.5	0.95	1.394	7.4	55	Hair and Skin Care
XIAMETER® PMX-0245 Cyclopentasiloxane	Cyclopentasiloxane	4	0.95	1.397	7.4	77	Hair and Skin Care
XIAMETER® PMX-0246 Cyclohexasiloxane	Cyclohexasiloxane	6.8	0.96	1.402	7.4	93	Hair and Skin Care
XIAMETER® PMX-0344 Cyclosiloxane Blend	Cyclotetrasiloxane (and) Cyclopentasiloxane	2.5	0.95	1.394	7.4	52	Hair and Skin Care
XIAMETER® PMX-0345 Cyclosiloxane Blend	Cyclopentasiloxane (and) Cyclohexasiloxane	6	0.96	1.398	7.4	77	Hair and Skin Care
XIAMETER® PMX-200 Silicone Fluid, 0.65 cSt	Hexamethyldisiloxane	0.65	0.76	1.375	6.8	-1	Hair and Skin Care
XIAMETER® PMX-200 Silicone Fluid, 1 cSt	Trisiloxane	1	0.816	1.382	7.0	30	Hair and Skin Care
XIAMETER® PMX-200 Silicone Fluid, 1.5 cSt	Dimethicone	1.5	0.85	1.387	7.0	57	Hair and Skin Care
XIAMETER® PMX-200 Silicone Fluid, 2 cSt	Dimethicone	2	0.872	1.389	7.1	87	Hair and Skin Care
XIAMETER® PMX-1184 Silicone Fluid	Dimethicone Trisiloxane	1.5	0.85	1.388	7.0	42	Hair and Skin Care

Specification Writers: These values are not intended for use in preparing specifications. Please contact your local Dow Corning sales office or your Global Dow Corning Connection before writing specifications on these products.

LOW-VISCOSITY FLUIDS

Product	INCI Nomenclature	Specific Gravity	Refractive Index	Solubility Parameter	Flash Point (°C)	Applications
XIAMETER® PMX-0225 Silicone Fluid	Dimethicone	0.934	1.399	7.2 - 7.3	>101	Hair and Skin Care
XIAMETER® PMX-200 Silicone Fluid, 5 cSt	Dimethicone	0.913	1.396	7.2 - 7.3	134	Hair and Skin Care
XIAMETER® PMX-200 Silicone Fluid, 10 cSt	Dimethicone	0.934	1.399	7.2 - 7.3	211	Hair and Skin Care
XIAMETER® PMX-200 Silicone Fluid, 20 cSt	Dimethicone	0.949	1.401	7.2 - 7.3	246	Hair and Skin Care

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MEDIUM-VISCOSITY FLUIDS

Product	INCI Nomenclature	Specific Gravity	Refractive Index	Solubility Parameter	Flash Point (°C)	Applications
XIAMETER® PMX-200 Silicone Fluid, 50 cSt	Dimethicone	0.96	1.402	7.3 - 7.4	>326	Hair and Skin Care
XIAMETER® PMX-200 Silicone Fluid, 100 cSt	Dimethicone	0.965	1.403	7.3 - 7.4	>326	Hair and Skin Care
XIAMETER® PMX-200 Silicone Fluid, 200 cSt	Dimethicone	0.97	1.403	7.3 - 7.4	>326	Hair and Skin Care
XIAMETER® PMX-200 Silicone Fluid, 350 cSt	Dimethicone	0.97	1.4035	7.3 - 7.4	>326	Hair and Skin Care

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HIGH-VISCOSITY FLUIDS

Product	INCI Nomenclature	Specific Gravity	Refractive Index	Solubility Parameter	Flash Point (°C)	Applications
XIAMETER® PMX-200 Silicone Fluid, 10,000 cSt	Dimethicone	0.97	1.4035	7.4	>326	Hair and Skin Care
XIAMETER® PMX-200 Silicone Fluid, 12,500 cSt	Dimethicone	0.97	1.4035	7.4	>326	Hair and Skin Care
XIAMETER® PMX-200 Silicone Fluid, 30,000 cSt	Dimethicone	0.97	1.4035	7.4	>326	Hair and Skin Care
XIAMETER® PMX-200 Silicone Fluid, 60,000 cSt	Dimethicone	0.97	1.4035	7.4	>326	Hair and Skin Care

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SPECIAL FLUIDS

Product	INCI Nomenclature	Viscosity (cSt)	Refractive Index	Flash Point (°C)	% Active	Miscellaneous	Applications
XIAMETER® OFX-8220 Fluid	Amodimethicone	145	1.407	75	100	Amine Neutral Equiv = 2,000	Hair and Skin Care
XIAMETER® RSN-0749 Resin	Cyclopentasiloxane (and) Trimethylsiloxysilicate	450	1.41	73	50% Resin	Diluted in 50% D5	Hair and Skin Care

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Contact Us

Visit www.xiameter.com to learn more about the many product options available to you from the XIAMETER® brand.

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