



Dow Silicone Gum Blends for the Personal Care Industry

Dow offers a range of products to meet the diverse needs of the personal care industry. Offering Dimethiconol gum in silicone and in alternative carriers will give you more flexibility with the ability to combine blends built around the same gum. You can choose in volatility, manufacturing process or sustainability profile, Dow has the right gum blend for your need!

VOLATILE FLUIDS

Product	INCI Nomenclature	% Gum / Type	Carrier Fluid	Viscosity (cSt)	Flash Point (°C)	Refractive Index	Specific Gravity	Applications
XIAMETER™ PMX-1403 Fluid	Dimethicone (and) Dimethiconol	13% / OH	Dimethicone	4,000	135	1.397	0.93	Hair and skin care
XIAMETER™ PMX-1411 Fluid	Cyclopentasiloxane (and) Dimethicone	15% / CH ₃	D5	6,000	74	1.397	0.92	Hair and skin care
XIAMETER™ PMX-1413 Fluid	Dimethicone	14% / CH ₃	Dimethicone	3,300	122	1.396	0.94	Hair and skin care
XIAMETER™ PMX-1501 Fluid	Cyclopentasiloxane (and) Dimethiconol	15% / OH	D5	6,000	67	1.397	0.96	Hair and skin care
XIAMETER™ PMX-1503 Fluid	Dimethicone (and) Dimethiconol	12% / OH	Dimethicone	1,500	118	1.396	0.92	Hair and skin care
DOWSIL™ CB-1556 Fluid	Phenyl Trimethicone (and) Dimethiconol	12% / OH	Phenyl Trimethicone	5,000	130	1.452	0.92	Hair and skin care
Product	INCI Nomenclature	% Active gum	Carrier Fluid	Viscosity (cSt)	Flash Point (°C)	Refractive Index	Volatility (Carrier)	Natural Origin Index (ISO-16128-2, December 2017)
DOWSIL™ PMX-1504 Fluid	C11-13 Isoalkane (and) Isohexadecane (and) Dimethiconol	27	C11-13 Isoalkane (and) Isohexadecane	20,000-32,000 cPs	95	1.425	Medium	0
DOWSIL™ PMX-1505 Fluid	Isododecane (and) Dimethiconol	15	Isododecane	700-1,300 cPs	51.5	1.416	High	0
DOWSIL™ PMX-1507 Fluid	Dimethicone (and) Dimethiconol	18.5	Dimethicone (2 cSt)	5,200-8,400 cPs	>110	1.393	Medium	0
DOWSIL™ PMX-1508 Fluid	C13-15 Alkane (and) Dimethiconol	20.5	C13-15 Alkane	5,200-8,400 cPs	>110	1.425	Low	0.76

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

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