



Product Information Sheet

AToro 5 – 100.000 cSt

Polydimethylsiloxane

INCI name: Dimethicone

Benefits

- Enhances shine
- High water repellency
- Ease of application and rubout
- High spread ability and compatibility
- Low surface energy
- Good heat stability
- Tasteless and nontoxic
- Soluble in a wide range of solvents for personal care applications
- Imparts soft, velvety skin feel
- Spreads easily on both skin and hair
- High dielectric strength

Application

- Various applications including cosmetic ingredient, elastomer and plastics lubricant, electrical insulating fluid, foam preventive or breaker, mechanical fluid, mold release agent, surface active agent, and solvent-based finishing and fat liquoring of leather
- Active ingredient in a variety of automotive, furniture, metal and specialty polishes in paste, emulsion and solvent-based polishes and aerosols

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Typical Data

Viscosity, cSt	Flashpoint, °C COC	Refrac. index at 25 °C	Specific gravity, 25 °C	Surface tension, mN/m	Freezing point, °C
5	136	1,397	0,910	19,7	-65
10	162	1,399	0,930	20,1	-65
20	230	1,400	0,950	20,6	-60
50	280	1,402	0,959	20,7	-55
100	>300	1,403	0,965	20,9	-55
200	>300	1,403	0,970	21,0	-50
300	>300	1,403	0,970	21,1	-50
350	>300	1,403	0,970	21,1	-50
500	>300	1,403	0,970	21,1	-50
1000	>300	1,403	0,970	21,2	-50
5000	>300	1,403	0,975	21,4	-50
10000	>300	1,403	0,975	21,5	-50
12500	>300	1,403	0,975	21,5	-50
30000	>320	1,403	0,975	21,5	-50
60000	>300	1,403	0,975	21,5	-50
100000	>300	1,404	0,976	21,5	-50

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