

## Solvay Specialty Polymers FOMBLIN<sup>®</sup> M60 PFPE Lubricant

Category : Fluid , Lubricant , Perfluoropolyether (PFPE)

### Material Notes:

Information provided by Solvay Solexis, Inc.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Solvay-Specialty-Polymers-FOMBLIN-M60-PFPE-Lubricant.php](http://www.lookpolymers.com/polymer_Solvay-Specialty-Polymers-FOMBLIN-M60-PFPE-Lubricant.php)

Physical Properties	Metric	English	Comments
Density	1.86 g/cc	0.0672 lb/in <sup>3</sup>	ASTM D891
Viscosity Measurement	343	343	Viscosity Index; ASTM D2270
Kinematic Viscosity	550 cSt @Temperature 20.0 °C	550 cSt @Temperature 68.0 °F	ASTM D445
Kinematic Viscosity at 40°C (104°F)	310 cSt	310 cSt	ASTM D445
Kinematic Viscosity at 100°C (212°F)	86 cSt	86 cSt	ASTM D445
Molecular Weight	12500 g/mol	12500 g/mol	
Evaporation Loss	0.40 %	0.40 %	22 hrs. at 204°C; ASTM 2595
Surface Tension	25 dynes/cm	25 dynes/cm	ASTM D1331

Mechanical Properties	Metric	English	Comments
Four Ball Extreme Pressure, Weld Load	112 kg	247 lb (mass)	Mean Hertz Load; IP 239
	500 kg	1100 lb (mass)	Init. Seiz. Load; IP 239
	708 kg	1560 lb (mass)	Welding Load; IP 239
Four Ball Wear	1.21 mm @Load 40.0 kg, Temperature 75.0 °C	0.0476 in @Load 88.2 lb, Temperature 167 °F	Avg. scar diameter; 1200 RPM, 60 min; ASTM D4172 B

Thermal Properties	Metric	English	Comments
Pour Point	-60.0 °C	-76.0 °F	ASTM D97

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