

## Solvay Specialty Polymers FOMBLIN<sup>®</sup> LC08 PFPE Lubricant

Category : Fluid , Lubricant , Perfluoropolyether (PFPE)

**Material Notes:**

FOMBLIN LC perfluoropolyether fluids have the following unique features: excellent wear characteristics; very good low temperature properties; cost-effective; and outstanding for applications requiring low viscosity. Information provided by Solvay Solexis, Inc.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Solvay-Specialty-Polymers-FOMBLIN-LC08-PFPE-Lubricant.php](http://www.lookpolymers.com/polymer_Solvay-Specialty-Polymers-FOMBLIN-LC08-PFPE-Lubricant.php)

Physical Properties	Metric	English	Comments
Density	1.83 g/cc	0.0661 lb/in <sup>3</sup>	ASTM D891
Kinematic Viscosity	8.0 cSt @Temperature 20.0 °C	8.0 cSt @Temperature 68.0 °F	ASTM D445
Kinematic Viscosity at 40°C (104°F)	3.5 cSt	3.5 cSt	ASTM D445
Kinematic Viscosity at 100°C (212°F)	0.90 cSt	0.90 cSt	ASTM D445
Molecular Weight	800 g/mol	800 g/mol	
Evaporation Loss	11.6 %	11.6 %	22 hrs. at 60°C; ASTM 2595

Mechanical Properties	Metric	English	Comments
Four Ball Extreme Pressure, Weld Load	50.0 kg	110 lb (mass)	Mean Hertz Load; IP 239
	250 kg	551 lb (mass)	Welding Load; IP 239
Four Ball Wear	0.600 mm	0.0236 in	Avg. scar diameter; ASTM D4172

Thermal Properties	Metric	English	Comments
Pour Point	-70.0 °C	-94.0 °F	ASTM D97

Descriptive Properties	Value	Comments
Approximate ISO Grade	10	
Oxygen Impact (BAM) 100°C, Impact Pressure	130 atm	

## Contact Songhan Plastic Technology Co.,Ltd.

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