

Solvay Specialty Polymers FOMBLIN® W800 PFPE Lubricant

Category : Fluid , Lubricant , Perfluoropolyether (PFPE)

Material Notes:

Fomblin® PFPE fluorinated lubricants are used when harsh chemical environments, high temperatures or wide working-temperature ranges are encountered. Information provided by Solvay Solexis, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Solvay-Specialty-Polymers-FOMBLIN-W800-PFPE-Lubricant.php

Physical Properties	Metric	English	Comments
Density	1.90 g/cc	0.0686 lb/in ³	ASTM D891
Viscosity Measurement	204	204	Viscosity Index; ASTM D2270
Kinematic Viscosity	800 cSt @Temperature 20.0 °C	800 cSt @Temperature 68.0 °F	ASTM D445
Kinematic Viscosity at 40°C (104°F)	277 cSt	277 cSt	ASTM D445
Kinematic Viscosity at 100°C (212°F)	41 cSt	41 cSt	ASTM D445
Molecular Weight	7400 g/mol	7400 g/mol	
Evaporation Loss	0.5 %	0.5 %	22 hrs. at 204°C; ASTM 2595

Mechanical Properties	Metric	English	Comments
Four Ball Extreme Pressure, Weld Load	112 kg	247 lb (mass)	Mean Hertz Load; IP 239
	501 kg	1100 lb (mass)	Init. Seiz. Load; IP 239
	708 kg	1560 lb (mass)	Welding Load; IP 239
Four Ball Wear	1.10 mm	0.0433 in	Avg. scar diameter; ASTM D4172

Thermal Properties	Metric	English	Comments
Pour Point	-39.0 °C	-38.2 °F	ASTM D97

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