

Solvay Specialty Polymers FOMBLIN[®] Z03 PFPE Lubricant

Category : Fluid , Lubricant , Perfluoropolyether (PFPE)

Material Notes:

FOMBLIN[®] Z is a linear PFPE available as a neutral or functionalized fluid. They are used in aerospace, magnetic media, and polymer modification uses. Information provided by Solvay Solexis, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Solvay-Specialty-Polymers-FOMBLIN-Z03-PFPE-Lubricant.php

Physical Properties	Metric	English	Comments
Density	1.82 g/cc	0.0658 lb/in ³	ASTM D891
Viscosity Measurement	317	317	Viscosity Index; ASTM D2270
Kinematic Viscosity	30 cSt @Temperature 20.0 °C	30 cSt @Temperature 68.0 °F	ASTM D445
Kinematic Viscosity at 40°C (104°F)	18 cSt	18 cSt	ASTM D445
Kinematic Viscosity at 100°C (212°F)	5.6 cSt	5.6 cSt	ASTM D445
Molecular Weight	4000 g/mol	4000 g/mol	
Evaporation Loss	6.0 %	6.0 %	22 hrs. at 149°C; ASTM 2595
Surface Tension	23 dynes/cm	23 dynes/cm	ASTM D1331

Thermal Properties	Metric	English	Comments
Pour Point	-90.0 °C	-130 °F	ASTM D97

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