

Solvay Specialty Polymers FOMBLIN® Y L-VAC 06/6 PFPE Pump Oil

Category : Fluid , Lubricant , Perfluoropolyether (PFPE)

Material Notes:

FOMBLIN Y fluids are a mixture of fluorinated polymers obtained by a photochemical process that begins with hexafluoropropylene. Since the FOMBLIN chemical chain contains only carbon, fluorine, and oxygen atoms, the PFPEs have exceptional properties such as: low vapor pressure; chemical inertness; non-flammability; high thermal stability; no flash or fire point; low toxicity; excellent compatibility with metals, plastics, elastomers; low volatility; good aqueous and non-aqueous solvent resistance; high dielectric properties; low surface tension; good radiation stability; and environmentally friendly-do not damage the ozone. Information provided by Solvay Solexis, Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Solvay-Specialty-Polymers-FOMBLIN-Y-L-VAC-066-PFPE-Pump-Oil.php

Physical Properties	Metric	English	Comments
Density	1.88 g/cc	0.0679 lb/in ³	ASTM D891
Viscosity Measurement	71	71	Viscosity Index; ASTM D2270
Kinematic Viscosity	64 cSt @Temperature 20.0 °C	64 cSt @Temperature 68.0 °F	ASTM D445
Molecular Weight	1800 g/mol	1800 g/mol	
Vapor Pressure	4.00e-9 bar @Temperature 20.0 °C	0.00000300 torr @Temperature 68.0 °F	Knudsen
	0.00000400 bar @Temperature 100 °C	0.00300 torr @Temperature 212 °F	Knudsen
Evaporation Loss	3.9 %	3.9 %	22 hrs. at 120°C; ASTM 2595
Surface Tension	21 dynes/cm	21 dynes/cm	ASTM D1331

Thermal Properties	Metric	English	Comments
Heat of Vaporization	46.0 J/g @Temperature 200 °C	19.8 BTU/lb @Temperature 392 °F	
Pour Point	-50.0 °C	-58.0 °F	ASTM D97

Optical Properties	Metric	English	Comments
Refractive Index	1.295	1.295	n ₂₀

Descriptive Properties	Value	Comments
Specific Oil Consumption	0.4 cm ³ /hr	
Ultimate Total Pressure	0.0017 torr	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China