



Fomblin® Y LVAC 06/6

perfluoropolyether

Fomblin® Y PFPE perfluoropolyether fluids have the following unique features:

- Low vapor pressure
- Chemical inertness
- High thermal stability
- Good lubricant properties
- No flash or fire point
- Non-toxicity
- Excellent compatibility with metals, plastics, elastomers
- Good aqueous and non-aqueous solvent resistance
- High dielectric properties
- Low surface tension
- Good radiation stability
- Environmentally acceptable

General

Material Status	• Commercial: Active
Availability	• Africa & Middle East • Asia Pacific • Europe • Latin America • North America
Features	• Chemical Resistant • High Density • High Heat Resistance
Forms	• Liquid

Physical

	Typical Value	Unit	Test method
Average Molecular Weight	1800	amu	
Density (20°C)	1.88	g/cm ³	ASTM D4052
Evaporation Weight Loss - 22 hrs (120°C)	2.8	wt%	
Kinematic Viscosity (20°C)	64.0	cSt	ASTM D445
Surface Tension (20°C)	21	dyne/cm	
Vapor Pressure			
25°C	8E-7	torr	
100°C	3E-3	torr	
Viscosity Index	71.0		ASTM D2270

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Thermal	Typical Value	Unit	Test method
Heat of Vaporization (200°C)	11.0	cal/g	
Pour Point	-50	°C	ASTM D97

Notes

Typical properties: these are not to be construed as specifications.

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Progress beyond

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Safety Data Sheets (SDS) are available by emailing us or contacting your sales representative. Always consult the appropriate SDS before using any of our products.

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