

# Fomblin® Y LVAC 16/6

## 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	2700	amu	
Density (20°C)	1.89	g/cm <sup>3</sup>	ASTM D4052
Evaporation Weight Loss - 22 hrs (149°C)	3.9	wt%	
Kinematic Viscosity (20°C)	168	cSt	ASTM D445
Surface Tension (25°C)	22	dyne/cm	
Vapor Pressure			
25°C	9E-8	torr	
100°C	2E-4	torr	
Viscosity Index	110		ASTM D2270

Thermal	Typical Value	Unit	Test method
Heat of Vaporization (200°C)	8.00	cal/g	
Pour Point	-45	°C	ASTM D97

### Additional Information

## Notes

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

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