Technical Data Sheet

Fomblin® Z60

perfluoropolyether

Fomblin® Z perfluoropolyether fluids have the following unique features:

- Good low temperature viscosity
- Superior evaporative loss
- Very high viscosity indices
- Very good extreme pressure (EP) and wear characteristics

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	21500	amu	
Density (20°C)	1.85	g/cm³	ASTM D4052
Evaporation Weight Loss [1] (204°C)	0.20	%	ASTM D2595
Four Ball Wear Test [2] (75°C)	0.93	mm	ASTM D4172
Kinematic Viscosity			ASTM D445
20°C	600	cSt	
40°C	355	cSt	
100°C	98.0	cSt	
Surface Tension (20°C)	25	dyne/cm	
Viscosity Index	350		ASTM D2270

Thermal	Typical Value	Unit	Test method
Pour Point	-63	°C	ASTM D97

Additional Information	Typical Value	Unit
Approximate ISO Grade	320	

Notes

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

[1] 22 hr

[2] 1 hr, 1200 rpm, 40 kg

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Progress beyond

www.solvay.com

SpecialtyPolymers.EMEA@solvay.com | Europe, Middle East and Africa
SpecialtyPolymers.Americas@solvay.com | Americas
SpecialtyPolymers.Asia@solvay.com | Asia and Australia

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