

Galden® LS200

perfluoropolyether

Galden® LS/HS is a line of fully fluorinated fluids specifically designed for the Vapor Phase Soldering process. The narrow molecular weight distribution as well as the very strong carbon-fluorine bond

and the flexible ether link provide the properties which make Galden® LS/HS ideal for use in VPS.

General

Material Status	• Commercial: Active
Availability	• Asia Pacific • Europe • North America
Forms	• Liquid

Physical

	Typical Value	Unit
Density (25°C)	1.79	g/cm ³
Average Molecular Weight	870	
Kinematic Viscosity (25°C)	2.50	cSt
Surface Tension	19	dyne/cm
Vapor Pressure (25°C)	21	Pa

Thermal

	Typical Value	Unit
Thermal Conductivity (25°C)	0.070	W/m/K
Boiling Point	200	°C
Heat of Vaporization - at Boiling Point	63.0	J/g
Specific Heat Capacity (25°C)	0.23	cal/g/°C

Electrical

	Typical Value	Unit
Volume Resistivity (25°C)	1.0E+15	ohms-cm
Dielectric Constant (25°C)	2.10	
Dielectric Strength - 2.54 mm gap (25°C)	40000	V

Additional Information

Coefficient of Expansion: 0.0011 cm³/cm³°C

Notes

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

