

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.