# Galden® HS260
## 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 | • Africa & Middle East<br>• Asia Pacific<br>• Europe | • Latin America<br>• North America |
| Features | • Chemical Resistant<br>• High Density | • High Heat Resistance |
| Forms | • Liquid | |

| Physical | Typical Value | Unit |
|---|---|---|
| Density (25°C) | 1.83 | g/cm³ |
| Average Molecular Weight | 1210 | amu |
| Kinematic Viscosity (25°C) | 7.00 | cSt |
| Surface Tension | 20 | dyne/cm |
| Vapor Pressure (25°C) | 1 | Pa |

| Thermal | Typical Value | Unit |
|---|---|---|
| Boiling Point | 260 | °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 |
|---|---|---|
| Dielectric Constant | 2.10 | |
| Dielectric Strength - 2.54mm gap | 40 | kV |
| Volume Resistance | 1E15 | ohms·cm |

### Additional Information

Thermal Conductivity (25°C): 0.07 W/m°C
Coefficient of Expansion: 0.0011 cm3/cm3°C

## Notes

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