

Common Methods for
Determining Thermal Conductivity

	Hot wire	Calorimeter	Guarded Hot Plate
Method type	Transient	Steady state	Steady state
Property measured	Conductivity	Conductivity	Conductivity
Temperature range, °C	25 to 1475	150 to 1500	-175 to 1425
Measurement time, hr/point	6	24	24
Conductivity range, W/mK	<15	<29	<3.5