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215 639-2640

### Thermal Properties of Silicone Fluid

Specific heat	0.35-0.37 cal/gm/°C
Heat of formation	-2.41 Kcal/gm
Heat of combustion (>50cSt.)	6.13 Kcal/gm
Glass transition temperature	-128C
Gel time, 150C	Indefinite
Gel time for intermediate viscosity fluid, 200°C	200 hours
Gel time for high viscosity fluids, 200C	100 hours
Auto ignition temperature for fluids > 10cSt.	Greater than 460°C