

Specific Heat Capacity.

Specification

Temperature range	2 – 300K
Frequency of temperature modulation	0.1 – 100Hz typical
Amplitude of temperature modulation ΔT	0.1 – 0.1K
Typical sample dimensions	100 x 200 microns
Typical sample mass	1 -10 microgram

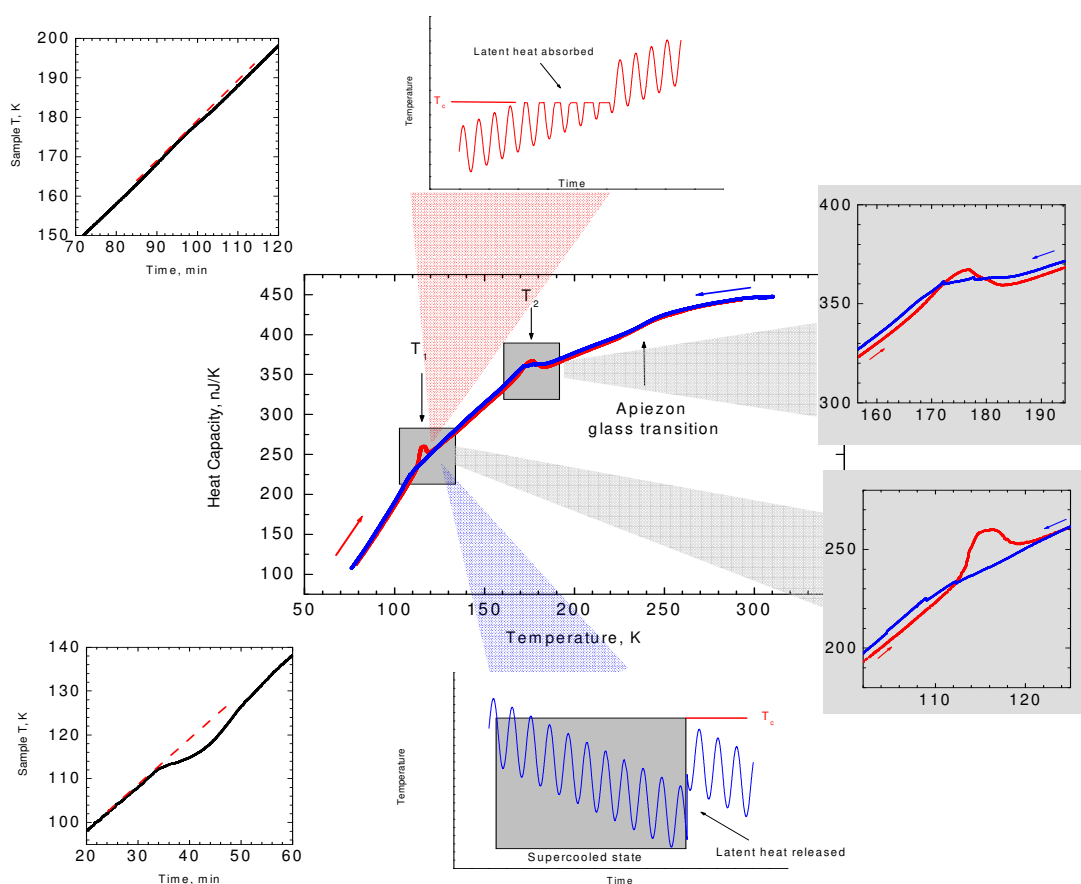


Fig.1 Central panel: temperature dependence of the heat capacity during warming and cooling cycle. Right: details of the phase transitions. Left: Sample temperature vs time, indicating that temperature ramp slows down at the transitions, due to absorption of the latent heat. Top and bottom: schematic representation of sample temperature oscillations while warming and cooling across the first-order phase transition