



12. Chocolate

Instrument: Tritec 2000 Dynamic Mechanical Analyser

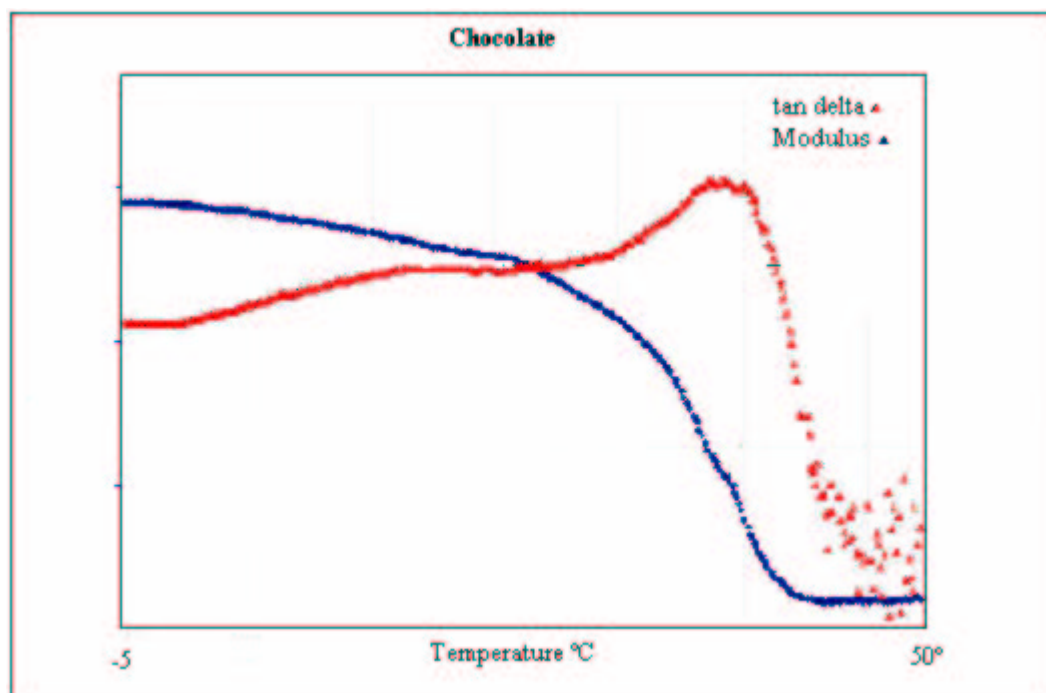
Sample: Chocolate

Geometry: Single Cantilever Bending

%RMS strain: 0.055

Frequencies (Hz): 1.0

Thermal profile: 2°C/minute to 200°C



Comments:

This sample was analysed by mounting the sample as a bar in single cantilever mode at 1Hz and with a strain amplitude of 50 microns, free length of 5mm. Note that there is a clear relaxation before the main softening temperature.

To make sample mounting a little easier, the sample was placed in a freezer. After gently mounting in single cantilever mode, the oven cover was replaced and the sample cooled down to around -10°C. The oven cover was briefly removed and the sample re-clamped very gently to 'finger tightness'. After replacing the oven cover, the system was left to equilibrate for 2 minutes and the run commenced.