



## 12. Chocolate

**Instrument:** Tritec 2000 Dynamic Mechanical Analyser

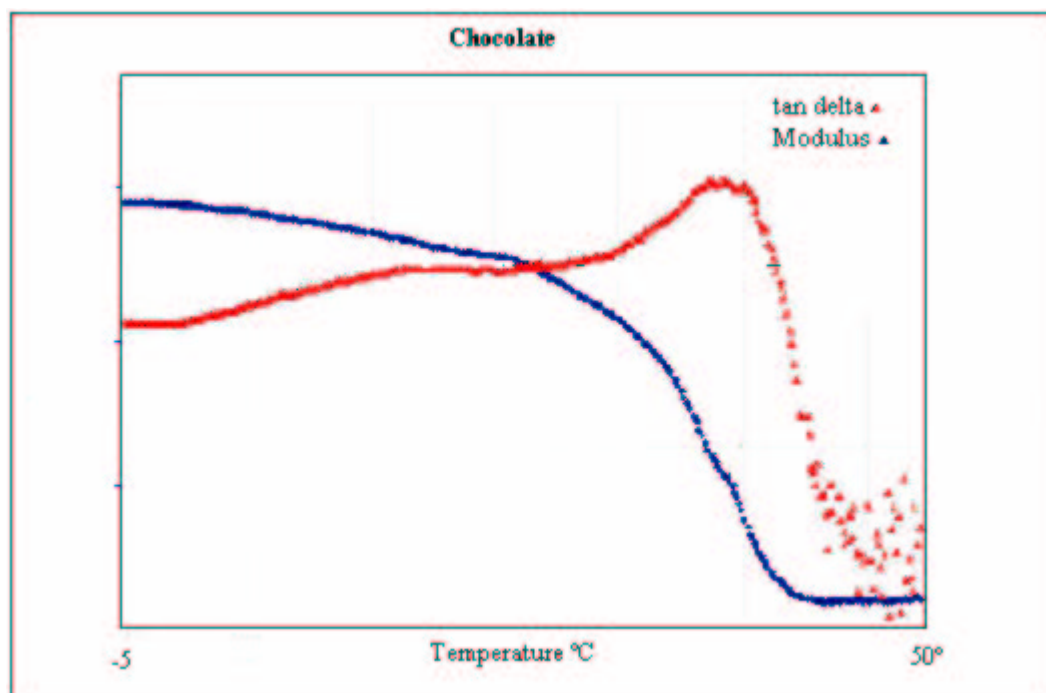
**Sample:** Chocolate

**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.