

What do TA Instruments measure?

TGA

**There's more to life
than just viscosity!**

DSC

Thermal
Conductivity



DMA



TMA
Dilatometers

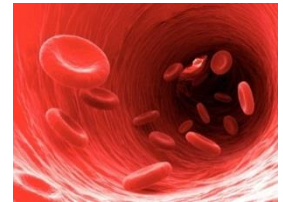


RHEOLOGY

Rheology – study deformation and flow

■ The Basics:

- We push or twist a sample and measure how easy it is
- If you have to store it, dispense it, or want to see how it changes with time – think rheology !



■ Applications in:

- Creams, lotions & ointments
- Blood
- Pharmaceutical suspensions
- Biomedical gels
- Biological interfaces (eyes, lungs..)
- Bone and dental cements
- And many more.....

■ To study:

- Viscosity
- Ease of dispensing
- Ease of application
- Gels
- Stability or shelf life
- Molecular structure
- Interfaces
- And many more....

