











Atomic Force Microscopy



Atomic Force Microscopy measures force between tip and surface. Deflection of the cantilever beam is probed by laser beam.

What is 1 Newton?
A chocolate-oriented unit for force.Nonscience of chocolate?
1 bar are 100 cm³ or 1023 nm3
Weight of 1 nm³ is 10^23 nN (=0)Binding forces in chocolate
Cross-section 1 cm2 or 1014 nm2
Weight carried 4 kg
Rupture force 4 x10⁻¹³ N/nm2DicoNewton describe molecular forces in
Sarder materials













