



Mechanical behavior of materials

Loading Conditions

The two basic types of loads are static and dynamic

□ Static loading

- implies a sustained loading of the structure over a period of time.
- Generally, static loads are slowly applied such that no shock or vibration is generated in the structure.
- Once applied, the static load may remain in place or be removed slowly.
- Loads that remain in place for an extended period of time are called sustained (dead) loads.



































What do you think ?

is this dough follows an elastic or viscous behavior?











<text>













What do You think ?



