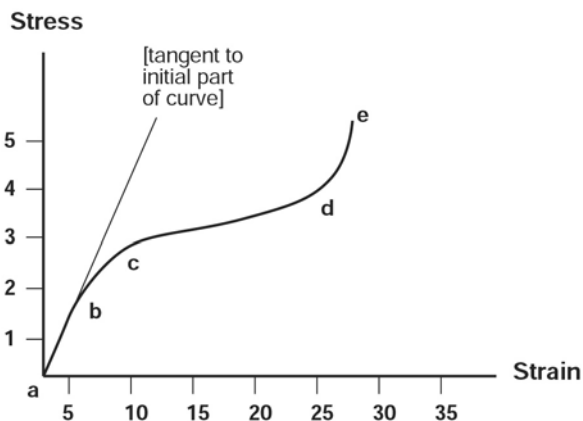


Model Stress / Strain Curve



- a – b = Hookean region or elastic region - stress is proportional to strain.
- b = Yield point - the elastic limit.
- b – c = Region of primary creep – extension recoverable with time.
- c – d = Region of secondary creep – permanent elongation.
- d - e = Region of difficult extensibility.
- e = Breaking force on y axis, % extension at break on x axis.