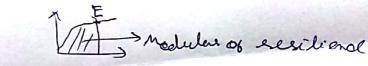
1. Strength: Ability of material to sesist enternal porces without respluse or tracture.

- 2. Elasticity: regain shape ables application of force.
- 3. Pesticity: Ability of modesial to retain deformation on permanent.
 - 4. Stippess / Rigidity: regist departmention due to enternal load.

 So Note: Modulus of classicity is a measure of stippness.
 - 5. Resilience: absorb energy when depermed elastically is sto release this energy when lead is semoved



- 6. Toughmers: Absorb energy before & practure takes place.
- 7. Malleability: Deparm to a bedder excland before the I sign of fail. (When subvicted to compressive borce)

 Ability of most excal to be hammered out into thin sheet.
- 8. Dichility: Deparm to a better extent before the right of fail.

 When subjected to densite porce)
 - Drawn ito wise, when subjected to tensible bora.
 - 9. Brittleness shows mesligible plastic desormation before practure.
- 10. Hardness: resist peretration, indentation & strectches.
- 11 Creep: Despormation of material under a constant strustead.

 (dempt =) depormation()? => Corept