- M18i) Youngs modulus is combilled by bonding and corphal shudture (alternic particing)
 - ii) The glass transitum lemperature is the temperature al-which the phyrer changes for being an elastic shid to a visco elastic one (al-higher temps) which is due to the breaking (melter, of the van-der-weads bands believe the phyrer nullecules
 - nave higher atomic manes at close pacted coppet shudives
 - iv) Interatornic bond energy O(r) separateur Internhenic fra = $\frac{dU(r)}{dr}$ \in .