E~ 3K B 1k modulus

1-20 poisson's ratio for most minerals E = 1.5K poisson's ratio measure of deformation under differential stress (Not a function of ions) Bulk Modulus is resistance to compression

Za Zener (n-1)

electron

charge T cation valence 20100 Valence Molecular E is a function of ionic charge. higher charge = higher Eor Wor AG When 1, - 10 = 0 Em < Em < Em W= 41 Et < 411 E2+ Doe RT = Di Cofficient larger W means More mismpatible FE = Stiffer lathice

Catlon Radius