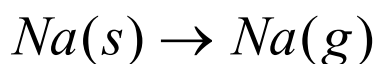


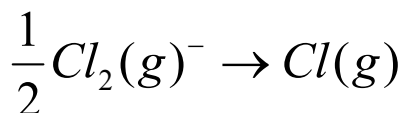
Sodio Cloruro – legame ionico ed energia reticolare



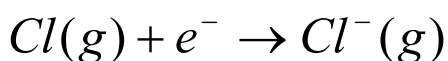
$$\Delta H_{subl}^0 = 100 \text{ kJ} \cdot \text{mol}^{-1}$$



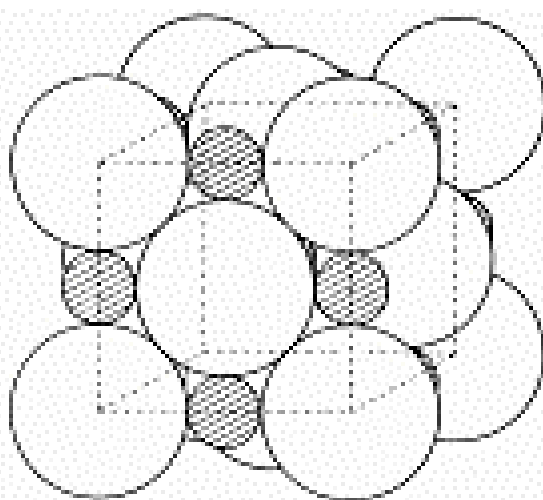
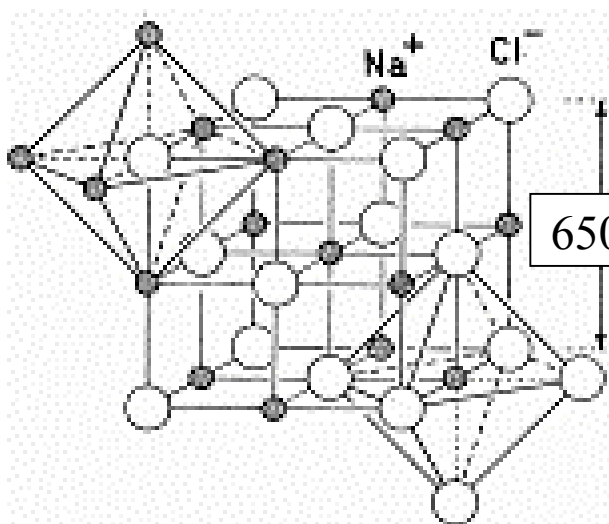
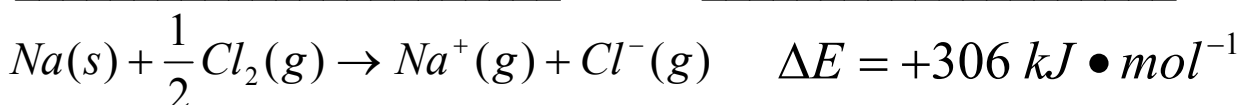
$$EI = +494 \text{ kJ} \cdot \text{mol}^{-1}$$



$$\frac{1}{2} D_{Cl-Cl} = +61 \text{ kJ} \cdot \text{mol}^{-1}$$



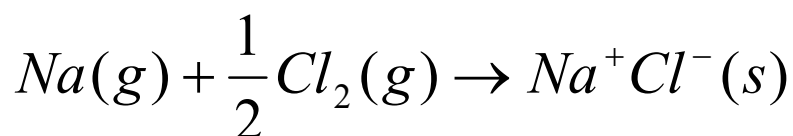
$$AE = -349 \text{ kJ} \cdot \text{mol}^{-1}$$



$$E = \frac{1}{4\pi\epsilon_0} \times \frac{q_1 \times q_2}{r}$$

Attrazione Colombiana : -440 kJ/mol

Energia Reticolare: -761 kJ/mol



$$EI_1(Na) = 496 \text{ kJ mol}^{-1} . EI_2(Na) = 4562 \text{ kJ mol}^{-1} .$$