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May 22, 2015 · Important Constants (Ref: NIST)  $N_A = 6.022142E23 \text{ Mol}^{-1}$  = Avogadro Constant  $k_B = 1.38065E23 \text{ J K}^{-1}$  = Boltzmann Constant  $R = 8.31447 \text{ J Mol}^{-1} \text{ K}^{-1}$  = Molar Gas Constant  $h = 6.626068E34 \text{ J S}$  = Planck Constant  $c = 2.99792458E8 \text{ M S}^{-1}$  = Speed Of Light In Vacuum ... JANAF Tables ... Apr 1th, 2024

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