

Download Standard Thermodynamic Quantities

In chemistry, the standard state of a material (pure substance, mixture or solution) is a reference point used to calculate its properties under different conditions. In chemical thermodynamics, activity (symbol a) is a measure of the "effective concentration" of a species in a mixture, in the sense that the species' chemical potential depends on the activity of a real solution in the same way that it would depend on concentration for an ideal solution.

3 1 Nomenclature Thermodynamic quantities: Superscripts: c_p Specific isobaric heat capacity o Ideal-gas part c_v Specific isochoric heat capacity r Residual part

The SI Metric System of Units and SPE METRIC STANDARD Society of Petroleum Engineers Contents Adopted for use as a voluntary standard by the SPE Board of Directors, June 1982.