

CH365 CHEMICAL ENGINEERING THERMODYNAMICS

Lesson 17: Latent Heats and Heats of Reaction, Formation, and Combustion

Read: Sections 4.2 to 4.5, pp. 145-153

Problems: 4.10, 4.12, and 4.20.

Objectives:

1. Compute heats of phase changes from Trouton's rule, Riedel's equation, and Watson's equation.
2. Compute standard heats of reaction, formation, and combustion.
3. Be able to use the tables in Appendix C to obtain data for heat calculations.

Notes: