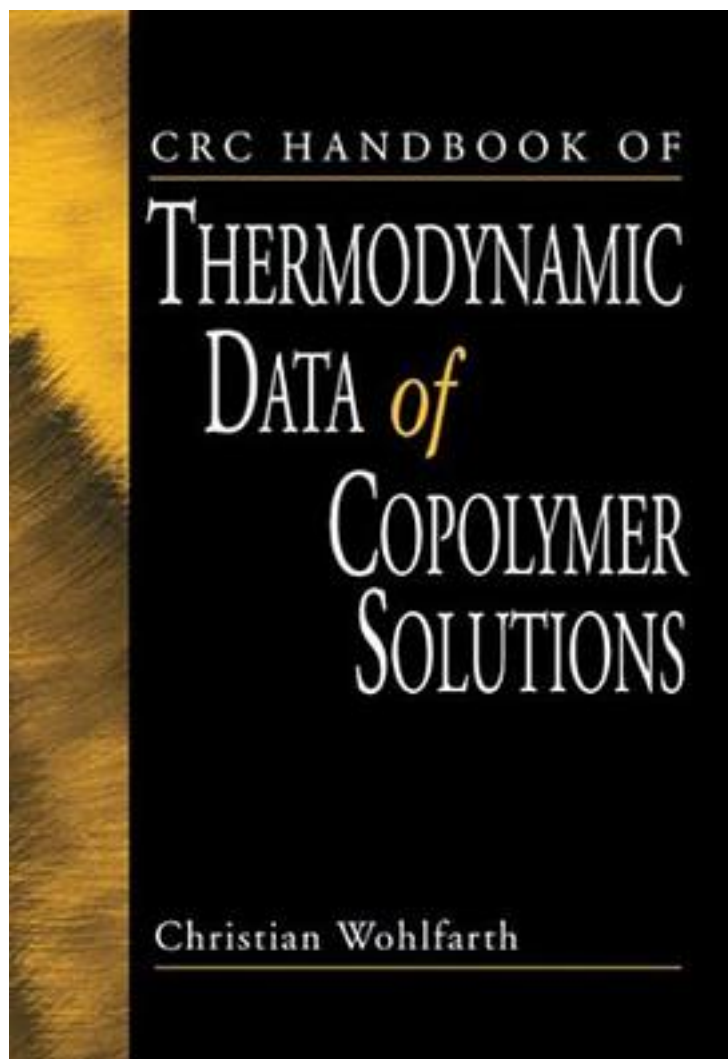


# Handbook of Thermodynamic Data of Copolymer Solutions



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Thermodynamic data are essential to understanding the physical behavior of copolymer solutions, intermolecular interactions, and the molecular nature of mixtures. As such, they form the basis for developing theoretical thermodynamic models, and knowledge of this data is necessary for countless industrial and laboratory processes. Until now, however, accessing this information meant long and tedious searches through the original literature. "The Handbook of Thermodynamic Data of Copolymer Solutions" is the world's first comprehensive source of this vital data. Author Christian Wohlfarth, a chemical thermodynamicist specializing in phase equilibria of polymer and copolymer solutions and a respected contributor to the "CRC Handbook of Chemistry and Physics", has gathered up-to-the-minute data from more than 300 literature sources. Fully committed to ensuring the reliability of the data, the author included results in the handbook only if numerical values were published or if authors provided their numerical results by personal communication. With volumetric, calorimetric, and various phase equilibrium data on more than 165 copolymers and 165 solvents, this handbook furnishes: 250 vapor-pressure isotherms; 75 tables of Henry's constants; 50 LLE data sets; 175 HPPE data sets; and, 70 PVT data tables. Carefully organized, clearly presented, and fully referenced, "The Handbook of Thermodynamic Data of Copolymer Solutions" will prove a cardinal contribution to the open literature and invaluable to anyone working with copolymers.

作者介绍:

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