



Analytical Calorimetry: Proceedings of the Symposium on Analytical Calorimetry at the meeting of the American Chemical Society, held in Chicago, Illinois, September 13-18, 1970 (Paperback)

By Roger S. Porter, Julian F. Johnson

Springer-Verlag New York Inc., United States, 2013. Paperback. Condition: New. Language: English . Brand New Book ***** Print on Demand *****.Thermal analysis cuts a broad swath through contemporary science. Within this domain, advances in instrumentation permit the application of quantitative calorimetry to the full spectrum of modern materials. This can be illustrated perhaps no better than by the set of contributions which make up this Volume II of Analytical Calorimetry. Comprehensive studies are included on an array of polymers, copolymers, and polyblends. Calorimetry is also reported on biopolymers, gels, liquid crystals, alloys, and on a variety of inorganic compounds and materials including moon rocks. Applications of calorimetric techniques to chemical reaction are also detailed. These include the study of decompositions, catalytic reductions, kinetics of dissolution, and the measurement of polymerization heats as well as the curing of thermosetting resins. The techniques employed are principally differential thermal analysis and differential scanning calorimetry. Several contributors have also illustrated the application of important and related techniques such as thermogravimetry, thermal depolarization analysis, and thermetric titrations. The contributions to this volume represent papers presented before the American Chemical Society Symposium held in Chicago, September 14 and 15, 1970. This symposium on...



READ ONLINE
[5.74 MB]

Reviews

The book is great and fantastic. It is really exciting through reading time period. I am pleased to let you know that this is basically the greatest ebook I actually have gone through inside my very own life and may be the best book for possibly.

-- **Mr. Hyman Ankunding DDS**

A top quality ebook and the font employed was exciting to read. Of course, it can be enjoyed, nonetheless an interesting and amazing literature. Your life span will likely be transformed once you finish reading this book.

-- **Phyllis Welch**