

Book review

Gmelin Handbook of Inorganic Chemistry. 8th Edition, Sc, Y, La-Lu Rare Earth Elements. Part A 7. Y, La, and the Lanthanoids. By I. Kubach and P. Schubert, volume authors; I. Kubach, editor. Gmelin Institut für Anorganische Chemie der Max-Planck-Gesellschaft zur Förderung der Wissenschaften and Springer-Verlag, Berlin/Heidelberg/New York, 1984, xv + 248 pages, DM 753. ISBN 3-540-93489-3.

This is the seventh volume in the series Rare Earth Elements, Part A, dealing with the elements, their minerals, and their occurrence. The present volume, A 7, is concerned with the minerals, excluding the silicates, which are classified according to their anions. The principal topics discussed relate to the occurrence and paragenesis, chemistry, crystal forms and crystal structures, and physical and chemical behaviour of each mineral. The carbonates comprise the largest portion. Further details will be evident from the description of the principal headings: Minerals: Halogenides, Oxidic Compounds, Hydroxides, Borates, Carbonates, Sulfates, Phosphates, Arsenates, and Vanadates.

The literature closing date is 1982. Although the organometallic chemistry of the rare earth elements is a topic of increasing interest, the present volume has only indirect relevance to that subject.

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