

Pies, W. and Weiss, A. *Crystal Structure Data of Inorganic Compounds. Part d2: Key Elements B, Al, Ga, In, Tl, Be (Substance Numbers d7000-d8399)*. (Landolt-Börnstein: Numerical Data and Functional Relationships in Science and Technology. New Series. Group III. *Crystal and Solid State Physics. Vol. 7.*) Springer-Verlag, Berlin, Heidelberg, and New York, 1980. xxv + 330 pp., 23 figs. Price DM 425 (\$250).

The latest volume in this series of crystal-structure data compilations includes oxy-compounds of boron, aluminium, gallium, indium, thallium, and beryllium. Many of the compounds listed among the borates and aluminium-bearing oxides occur as minerals. The authors admit in their introduction that 'Arrangement from a chemical point of view

presents difficulties. The multitude of chemical relationships cannot be shown in a one-dimensional reproduction such as a table. It is difficult to classify inorganic molecular compounds within the system chosen here.' This can be highlighted in the present volume by the minerals eremeevite and rhodizite. They both appear twice, in separate sections, in anhydrous and hydrous forms, and with different unit cells and space groups and different reference sources. Only on the advent of an index to the series (promised later) will the user have full access to all the information buried within the complex classification. Nevertheless, the volumes represent a valuable storehouse for these data and a useful reference source.

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