

Landolt-Börnstein. Numerical Data and Functional Relationships  
in Science and Technology. New Series. (Ed. in Chief, K.-H.Hellwege).  
Group III, Vol.7, Crystal Structure Data of Inorganic Compounds.  
Part c2. Key Elements: P,As,Sb,Bi; by W. Pies and A. Weiss,  
Springer, Berlin-Heidelberg-New York, 1979, XXVII + 452 pages, DM 550.

This volume lists crystal structure data for inorganic substances obtained by X-ray, neutron, or electron diffraction. (In addition substances are included when isotypism with substances of well-known crystal structure has been confirmed.) It is concerned with compounds of P,As,Sb, and Bi which contain at least one of the elements F, Cl, I, O, N, and which are not 'organic', i.e. they do not contain any of the following bonds: C - H, C - C, C - halogen, C - NH<sub>2</sub> and C = NH. For each compound is given the chemical formula (and where appropriate the mineral name), the space group, the lattice constants, the number of formula units in the unit cell, the density, the structure type, an indication of the method used and the nature of the sample, and the literature reference. The literature has been searched up to the end of 1971.

The usual very high standard of this series is maintained in all respects.

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