

substance: CoPS

property: physical properties

CoP_{1-x}S_{1+x} completely miscible, tetragonal cell up to $x \approx 0.4$; decomposition at temperatures higher than 1120 K [74N].

For structure, chemical bond and comparative tables on crystallographic and physical properties of transition metal-V-VI compounds, see documents , , , .

References:

74N Nahigian, H., Steger, J., Arnott, R. J., Wold, A.: J. Phys. Chem. Solids 35 (1974) 1349.