

substance: $\text{CoSb}_{3-x}\text{Sn}_x$

property: physical properties

Solubility: $x \geq 0.015$? [59D]. Sn doping leads to hole conductivity. A sample with $x = 0.015$ shows extrinsic hole conduction up to 700 K. The Seebeck coefficient is constant $\approx + 55 \mu\text{V K}^{-1}$ up to 670 K, then decreases [59D].

References:

- 59D Dudkin, L. D., Abrikosov, N. Kh.: Fiz. Tverd. Tela 1 (1959) 142 (translation: Sov. Phys. Solid State 1 (1959) 126).