

Investigation of thermodynamic and thermophysical properties of intermetallic Cu₃Sn

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Abstract

The experimental and theoretical investigations of thermal and thermodynamic properties of intermetallic Cu₃Sn were carried out. The standard enthalpy of formation of four phases of the Cu-Sn (Cu₄₁Sn₁₁, Cu₁₀Sn₃, Cu₃Sn, Cu₆Sn₅) was refined.