

The influence of small impurities on the isochoric heat capacity and phase diagram of *n*-hexane

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Abstract

The isochoric heat capacity of 0.121; 0.166; 0.200; 0.234; 0.256; 0.301; 0.345 mole fractions of H₂O is researched in Amir Khanov high-temperature adiabatic calorimeter by different isochors in the dependence on temperature in density intervals 245–500 kg/m³. The experimental data of isochoric heat capacity for concentration 0.200 mole fractions of H₂O are presented. An influence of small water impurities on isochoric heat capacity of *n*-hexane is analyzed.