

The dependence of the critical temperature of *n*-alkenes from number of atoms of carbon in a molecule

© Alexander A. Shikov, Ivan K. Garkushin,*
Alexander V. Kolyado, and Igor A. Agafonov⁺

Chair of common and inorganic chemistry. Samara state technical university. Molodogvardejsky St., 244.
Samara, 443100. Russia. Phone: +7 (846) 278-44-77. E-mail: baschem@samgtu.ru

*Supervising author; ⁺Corresponding author

Keywords: *n*-alkenes, the critical temperature, the number of carbon atoms.

Abstract

The analytical exposition of interconnection of critical temperatures of *n*-alkenes and number of atoms of carbon in the molecule of *n*-alkene has been offered. The equations and design data of extrapolations obtained by the method have been presented, and the comparison of calculated and experimental data has been given.