## The Viscous Properties of Diols I. The Homologous Series of 1,2- and 1, n-Alkanediols

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The paper presents the results of viscosity measurements performed on 1,2-alkanediols,  $H(CH_2)_{n-2}CH(OH)CH_2(OH)$ , n=2:12, and 1,n-alkanediols,  $HO(CH_2)_nOH$ , n=2:10, as functions of the temperature. It is shown that the viscosity (at constant temperature) and activation energy of the viscosity show a quite different dependence on the length of the alkane chain in 1,2- and 1,n-alkanediols molecules.

Key words: Shear Viscosity; Alkanediols; Hydrogen Bonds; Self-association.