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Influence of a dielectric medium on the phase state of carbon dioxide

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Abstract

The phase state of carbon dioxide gas dissolved in liquid n-heptane is determined by experimental investigations of the temperature dependences ($180 < T < 250^{\circ}\text{K}$) of the spin-lattice relaxation time of protons, the coefficient of translational self-diffusion of n-heptane molecules and the nuclear magnetic resonance (NMR) linewidth of carbon¹³C. © 1987 Plenum Publishing Corporation.

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