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Generalized concentration dependence of makromolecule selfdiffusion coefficients in polyethyleneoxide solutions

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Abstract

The polyethyleneoxide (PEO) macromolecule translational mobility in dioxane and benzene solutions was studied by pulsed field gradient nmr. The generalized dependence describing the macromolecule translational mobility in solutions - invariant with respect to the polymer molecular mass, solvent, as well as to temperature - was obtained. © 1985 Springer-Verlag.

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