Dynamics of Water Molecules in Micropores of AlPO₄-5 and SAPO-5 Studied by ¹H NMR

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The ¹H NMR linewidth expressed by $M_2$ (2nd moment) of H₂O adsorbed in 1-D microporous AlPO₄-5(○) and SAPO-5(■) gradually decreased on heating implying distributed isotropic rotation rate of H₂O molecules in the micropores.