

Influence of processes of a cocrystallization on rheological and mechanical characteristics of mixes on the basis of hexanitrohexaazaisowurtzitane (HNIW)

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Abstract

Results of researches of mechanical and rheological characteristics of HNIW mixes are presented in the article with softeners and binders. Influence of the processes of cocrystals formation on the level of these characteristics is investigated. The effect of additional mixing and thermal treatment is estimated. The possibility of occurrence in mixtures of co-crystallization processes of HNIW with components of softeners without presence of auxiliary deleted solvents is shown.