Full Paper

Registration Code of Publication: 12-30-6-132 Publication is available for discussion in the framework of the on-line Internet conference "Butlerov readings". http://butlerov.com/readings/ Contributed: July 16, 2012.

Research properties of cocrystals hexanitrohexaazaisowurtzitane/polymer

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Keywords: hexanitrohexaazaisowurtzitane, polymers, cocrystal, thermal decomposition, burning.

Abstract

In article results of research of thermoanalytical parameters and features of burning cocrystals including hexanitrohexaazaisowurtzitane and polar polymers are presented. Influence of a way of receiving (fast or slow drying), ratios of components, heat treatments, availability of softener on parameters of thermal behavior of cocrystals is established. It is shown that speed of burning cocrystals in 1,5-2 times below and depends on pressure, in comparison with mechanical mixes similar on structure less.