

Rheological feature filled cellulose nitrate lacquer compositions

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Keywords: cellulose nitrate lacquer, filler, concentration dependence, the effective viscosity, rheology.

Abstract

The concentration dependence of viscosity is filled with 25% to nitrocell-Loozen lacquer (NC lacquer), which has an extreme character with at least ~50% of the mass. in relation to NTS were presented. The position of the minimum of the corresponding concentration ~50% of the mass does not depend on the concentration of the radio source NC-lacquer. It is shown that the asymptotic dependence of the viscosity is filled with 25% NC-lacquer on the specific surface area of particles of HMX at a constant mass concentration of the filler. The most intensive growth of viscosity, about ~1.6 times, occurs when the values of the specific surface in the range 8000-12500 cm²/g.