Investigation of the stabilization properties of polyvinyl alcohol

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Keywords: polyvinyl alcohol, IR spectroscopy, thin layer chromatography, high performance liquid chromatography, chemical resistance stabilizer.

Abstract

IR spectroscopic method, thin-layer and high performance liquid chromatography were used in studying the nitration process of polyvinyl alcohol in the vapor-phase medium under the action of nitric acid vapor at 20 °C. We considered a three-stage mechanism of nitration.