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GRAFT COPOLYMERIZATION OF CALCIUM LIGNOSULFONATE WITH ACRYLONITRILE

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Abstract

Lignosulfonates, derivatives of lignin, possess a reactive chemical potential and can be used as reactants in copolymerization of acrylic monomers. The paper presents the study on graft copolymerization of calcium lignosulfonate with acrylonitrile. The obtained copolymer presents biocide properties and can be used as wood preservation agent.

Keywords: graft copolymerization, calcium lignosulfonate, acrylonitrile, wood protection agents

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