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The Role of Wood Extractives in Aqueous Polymerization of Methyl Methacrylate
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The aqueous polymerization of methyl methacrylate (MMA) was carried out in absence and presence of Eucalypt sawdust (SD) using sodium bisulphite as an initiator. The data showed that the SD extractives had an inhibiting effect on the polymerization rate of MMA. The rate was found to increase considerably in the presence of solvent pre-extracted SD and was further increased with water and alkali treatment of SD.