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Thermal degradation of acrylamide copolymers with potassium *p*-styrenesulfonate and sodium 2-acrylamido-2-methylpropanesulfonate

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Abstract

The thermal degradation of copolymers acrylamide with potassium *p*-styrenesulfonate and sodium 2-acrylamido-2-methylpropanesulfonate and also homopolymers – polyacrylamide, potassium poly-*p*-styrene-sulfonate and sodium poly-2-acrylamido-2-methylpropanesulfonate in the region of temperatures 20-575 ^{o}C has been investigated by means of differential-thermal and thermogravimetric methods.