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The invention relates to the field of medicine and pharmaceuticals, namely to processes for producing polymeric materials with antibacterial properties.

The process for producing a polymeric material with antibacterial properties, according to the invention, consists in the interaction of chlorhexidine and styrene:butadiene copolymer grafted with maleic anhydride, dissolved in chloroform, in a quantitative ratio of copolymer and chlorhexidine of 1:(0.03-0.06), at a temperature of 60-70°C for 4-6 hours.

The technical result of the invention consists in reducing the synthesis time and cost saving of the produced polymeric material, which forms films of a thickness of up to 100  $\mu\text{m}$ .

Claims: 1

Fig.: 1