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ABSTRACT OF THE DISCLOSURE

PROCESS FOR PREPARING POLYMER COMPOSITIONS CONTAINING
BOTH ACID AND AMINE FUNCTIONALITY

Disclosed is a method for preparing an acid- and amine-functional polymer under conditions of free-radical initiated addition polymerization. The method involves copolymerizing an anhydride monomer with an ethylenically unsaturated monomer to produce an anhydride polymer, followed by addition of base thereto, followed immediately by addition of a diamine, and allowing the components to react. The preferred medium is aqueous.

Also disclosed is an acid- and amine-functional polymer formed by the free-radical initiated addition polymerization process described herein.

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