


Grafting onto Carbohydrate Polymer Using Novel Potassium Persulfate/Tetramethylethylene Diamine Redox System for Initiating Grafting

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ABSTRACT: Starch as one of the most abundant, renewable, low-cost, and biodegradable carbohydrate polymers worldwide suffers from some drawbacks: The most important one is that it lacks properties of synthetic polymers. So, modification of starch by graft copolymerization will provide a substantial modification route to alter physical and chemical properties of starch, thereby increasing its utilization, by attaching a flexible synthetic polymer onto the rigid

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