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Poly Lactic Acid as Bio Plastic – An Overview

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Abstract: *The bio plastics are generating a growing interest as an alternative to petroleum based plastics that have caused many adverse impacts on the environment. The objective of this paper is to analyze Polylactic Acid (PLA) as a bioplastic. In fact, the market for PLA has grown up and will keep on expanding in the future. Overall, the PLA-based bio plastic would be an excellent substitute for the existing conventional plastics in various applications, hence will serve to protect the environment not only from pollution but also work as a sustainable and economical product. This paper highlights the works and literature on PLA as the biodegradable material regarding its synthesis, properties, usability and substitute.*

Keywords: Biodegradability, Bioplastics, Cellulose, Polylactic acid (PLA), Starch

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