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Application of Polymer Composite for Weight Reduction in the Automobile Sector Toward a Sustainable Development

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Abstract

In recent years, co-relation of sustainable development with the the growth of the industries, these questions have been a hot topic for research. The increasing awareness, greater restrictions on emission control, and its long-term environmental impact have led to an urgent need to develop lightweight and fuel-efficient vehicles in the global automobile industry. Polymer composites due to their lightweight and recyclability have been largely used in the automotive sector. This has led to a constant need to research and develop high-