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excellent resistance to wear and tear, have given rise to their utilization as reinforcing agents in polymers ...

### **Dynamic mechanical properties of natural fiber reinforced hybrid ...**

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Molecular structure of  
epoxy pre-polymer  
diglycidyl ethers of  
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Natural fibers are getting attention from researchers and academicians to utilize in polymer composites due to their ecofriendly nature and sustainability. The aim of this review article is to provide a comprehensive review of the foremost appropriate as well as widely used natural fiber reinforced polymer composites (NFPCs) and their

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applications. In addition, it presents summary of various ...

### **A Review on Natural Fiber Reinforced Polymer Composite and ... - Hindawi**

A polymer (/ ' p ɒ l i m ə r /; Greek poly-, "many" + -mer, "part") is a substance or material consisting of very large molecules, or macromolecules, composed of many repeating subunits.



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Due to their broad spectrum of properties, both synthetic and natural polymers play essential and ubiquitous roles in everyday life. Polymers range from familiar synthetic plastics such as polystyrene to ...

### **Polymer - Wikipedia**

For the improvement in the strength of textile composites, natural fibers are surface treated. ... Vol. 10.

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Cambridge, UK: 2012.  
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390/polym6112819.

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## **Polymers | An Open Access Journal from MDPI**

Biodegradable plastics are plastics that can be decomposed by the action of living organisms, usually microbes, into water, carbon dioxide, and biomass.

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Biodegradable plastics are commonly produced with renewable raw materials, micro-organisms, petrochemicals, or combinations of all three. While the words "bioplastic" and "biodegradable plastic" are similar, they are not synonymous.

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