

The Global Market for Biocomposites 2023-2033

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Abstracts

Biobased composites (Biocomposites) are generally referred to as composites with either reinforcement or matrix derived from natural sources, or encompassing both (full biocomposites). Biocomposites are produced from naturally-renewable and abundant precursor feedstocks, and possess properties equivalent, on a weight basis, to their synthetic counterparts. Issues with recycling and the underlying environmental concerns regarding synthetic based composites is driving growing interest in biocomposites.

The most commonly used types of biocomposites are Wood-Plastic Composites (WPC) and Natural Fibre Composites (NFC). Natural and wood fibers are combined with petrochemical or bio-based polymers to achieve enhanced mechanical and lightweight properties. Thermoplastic and thermosetting polymers are also increasingly being developed from bio-based chemicals and natural materials such as mycelium and alginate.

Report includes:

In-depth analysis of the global biocomposites market.

Global biocomposites market trends and drivers.

Market demand for biocomposites, by end user market, forecast to 2033.

Market segmentation and applications analysis. Markets covered include:
rigid packaging.

flexible packaging.

automotive.

building & construction.

electronics.

aerospace.

sports & leisure equipment.

Advantages of biocomposites over synthetic composites.

Profiles of 181 companies in biocomposites. Companies profiled include Cruz Foam, Ecovative Design LLC, Bcomp Ltd., Ecovative, INCA Renewtech,, Lingrove, Inc., MOGU S.r.l., Natural Fiber Welding, Inc., Norwegian Mycelium AS (NoMy), OrganoClick, Plafco Fibertech and Seevix Material Sciences Ltd.

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