

The Global Market for Cellulose Microfibers (Microfibrillated Cellulose) and Cellulose Nanofibers (Nanofibrillated Cellulose) 2023-2033

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Abstracts

Cellulose is the main component of plant cell walls and a natural polymer. It is bio-based, renewable, biodegradable, recyclable, carbon binding and safe for people and the environment and is an important product for the replacement of fossil-based materials. The market for bio-based and biodegradable cellulose microfibers (Microfibrillated Cellulose) has experienced strong growth in the last decade and this trend is expected to continue with the growth in the circular bio-based economy.

The market for cellulose nanofibers (Nanofibrillated Cellulose) has also experienced significant recent growth, especially in Asia. Cellulose nanofibers are sustainable materials with high mechanical strength and stiffness (stronger than steel), high aspect ratios, high transparency, high chemical resistance and impressive rheological, optical and film-forming properties. They are also lightweight and have made a recent impact in industrial applications in biopolymers, bio-composites and hygiene and sanitary products.

Report contents include:

Cellulose microfiber (Microfibrillated Cellulose) market

Opportunities in cellulose microfibers (Microfibrillated Cellulose).

Recycling of

cellulose microfibers (Microfibrillated Cellulose).

Global production capacities, by Microfibrillated Cellulose producer, current and planned.

Commercialized products on the market incorporating cellulose microfibers (Microfibrillated Cellulose).

Demand in tons per market, current and forecast to 2033.

Cellulose microfibers (Microfibrillated Cellulose) pricing.

Market analysis for cellulose microfibers in:
Textiles.

Paper and packaging.

Hygiene/non-wovens.

Personal care.

Paints and coatings.

Analysis of alternative feedstocks (non-wood fibres, textile waste etc.).

Profiles of 58 cellulose microfibers companies. Companies profiled include Borregaard Chemcell, Daicel Corporation, Fiberlean , Klabin, Norkse Skog, Sappi Biotech, Stora Enso, Suzano and Valmet.

Cellulose nanofiber (Nanofibrillated Cellulose) market

Opportunities in cellulose nanofibers (Nanofibrillated Cellulose).

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Markets analysis for CNFs in Polymer composites, Automotive, Building & Construction, Packaging, Textiles, Biomedicine, Pharma, Healthcare, Sanitary and Hygiene Products, Paints & Coatings, Aerogels, Oil & Gas, Filtration, Cosmetics, Food Additives.

Profiles of 121 cellulose nanofibers companies. Companies profiled in the report include Asahi Kasei, Chuetsu Pulp & Paper Daicel, Daiichi Kogyo, Daio Paper, GranBio Technologies, Nippon Paper, Oji Holdings, Sugino Machine and Seiko PMC.

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