

Global Composite Testing Market 2018 by Manufacturers, Countries, Type and Application, Forecast to 2023

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Abstracts

A material made up of two or more constituent materials possessing varied physical or chemical properties and is different from individual components is known as a composite material. These composites are highly used in aerospace and defense, transportation, and wind energy applications. Hence, comprehensive testing is carried out on these materials with specific standards known as composite testing. Composite testing is widely used in aerospace & defense sector to evaluate the performance and structural applications. Major commercial aircraft manufacturers such as Airbus and Boeing have developed aircraft such as Airbus A350 and Boeing 787 that constitute almost 50% of the composites in their airframe structures. Aviation giants such as National Aeronautics and Space Administration (NASA) and SpaceX widely use composite testing due to resistance fatigue & corrosion and high stiffness-to-weight ratio.

Scope of the Report:

The global Composite Testing market is valued at xx million USD in 2017 and is expected to reach xx million USD by the end of 2023, growing at a CAGR of xx% between 2017 and 2023.

The Asia-Pacific will occupy for more market share in following years, especially in China, also fast growing India and Southeast Asia regions.

North America, especially The United States, will still play an important role which cannot be ignored. Any changes from United States might affect the development trend of Composite Testing.

Europe also play important roles in global market, with market size of xx million USD in 2017 and will be xx million USD in 2023, with a CAGR of xx%.

This report studies the Composite Testing market status and outlook of Global and major regions, from angles of players, countries, product types and end industries; this report analyzes the top players in global market, and splits the Composite Testing market by product type and applications/end industries.

Market Segment by Companies, this report covers

Element Materials Technology

Henkel AG & CO

KGaA

Exova Group plc

Westmoreland Mechanical Testing & Research Inc

Instron

Matrix Composite Inc

ETIM Composites Testing Laboratory

Mistras Group Inc

Intertek Group plc

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

Asia-Pacific (China, Japan, Korea, India and Southeast Asia)

South America (Brazil, Argentina, Colombia)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

Polymer Matrix Composites

Continuous Fiber Composites

Ceramic Matrix Composites

Discontinuous Fiber Composites

Others

Market Segment by Applications, can be divided into

Sporting Goods

Aerospace & Defense

Electrical & Electronics

Wind Energy

Building & Construction

Transportation

Others

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