

# Indian Aerospace and Defense Composite Market: Trends, Opportunities and Competitive Analysis

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## Abstracts

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The future of the composites in the Indian aerospace and defense industry looks promising with opportunities in civil aviation, military aviation and spacecraft application. The composite in Indian aerospace and defense industry is expected to reach an estimated \$71.2 million by 2026 with a CAGR of 13.1% from 2021 to 2026. The major growth drivers for this market are increase in military and defense expenditure, increasing use of lightweight and high performance material and availability of low-cost skilled manpower.

Emerging trend, which have a direct impact on the dynamics of the composites in the Indian aerospace and defense industry, include use of nano technology material for the aerospace industry.

A total of 66 figures / charts and 60 tables are provided in this 162-page report to help in your business decisions. A sample figure with insights is shown below. To learn the scope of benefits, companies researched, and other details of composites in the Indian aerospace and defense industry report, please download the report brochure.

The study includes trends and forecast for the composites in the Indian aerospace and defense industry by application and process as follows:

By Application [Volume (M lbs) and \$M shipment analysis from 2015 to 2026]:

Civil Aviation

Military Aviation

Spacecraft

By Process [Volume (M lbs) and \$M shipment analysis from 2015 to 2026]:

RTM/VARTM

Filament Winding

Prepreg Lay-Up

Hand Lay-Up

Injection Molding

Compression Molding

Others

In this market RTM/VARTM, filament winding, prepreg layup, hand lay-up, injection molding, and compression molding, are the various process of composites in the Indian aerospace and defense industry. Hand lay-up is expected to remain the largest market by value and volume. Filament winding is expected to witness highest growth over the forecast period.

Within the composites in the Indian aerospace and defense industry, military aviation will remain the largest application by value and volume due to increase in demand for new and ongoing programs by Indian government such as 'Make in India' and Defence Production and Export Promotion Policy 2020' under the 'Aatmanirbhar Bharat' scheme. Military aviation is also expected to witness highest growth over the forecast period.

Some of the composites in the Indian aerospace and defense industry manufacturers profiled in this report include TATA Group, Hindustan Aeronautics, Kinenco Kaman Composites, Taneja Aerospace and Aviation, and Adani Defence & Aerospace.

## Features of the Composites in the Indian Aerospace and Defense Industry

**Market Size Estimates:** Composites in Indian aerospace and defense industry size estimation in terms of value (\$M) shipment and volume (M lbs)

**Trend And Forecast Analysis:** Composites in Indian aerospace and defense industry trends (2015-2020) and forecast (2021-2026) by various segments.

**Segmentation Analysis:** Composites in Indian aerospace and defense industry size by various segments, such as application, and process in terms of value and volume.

**Growth Opportunities:** Analysis on growth opportunities in different application, and manufacturing process for the composites in the Indian aerospace and defense industry.

**Strategic Analysis:** This includes M&A, new product development, and competitive landscape for the Composites in Indian aerospace and defense industry.

**Analysis of competitive intensity of the industry based on Porter's Five Forces model.**

This report answers following 10 key questions

Q.1 What are some of the most promising potential, high-growth opportunities for the composites in the Indian aerospace and defense industry by application (civil aviation, military aviation and spacecraft), process (RTM/VARTM, filament winding, prepreg lay-up, hand lay-up, injection molding, compression molding and others )?

Q.2 Which segments will grow at a faster pace and why?

Q.3 What are the key factors affecting market dynamics? What are the drivers and challenges of the composites in the Indian aerospace and defense industry?

Q.4 What are the business risks and threats to the composites in the Indian aerospace and defense industry?

Q.5 What are emerging trends in this composites in the Indian aerospace and defense industry and the reasons behind them?

Q.6 What are some changing demands of customers in the composites in the Indian aerospace and defense industry?

Q.7 What are the new developments in the composites in the Indian aerospace and defense industry? Which companies are leading these developments?

Q.8 Who are the major players in the composites in the Indian aerospace and defense industry? What strategic initiatives are being implemented by key players for business growth?

Q.9 What are some of the competitive products and processes in the composites in the Indian aerospace and defense industry, and how big of a threat do they pose for loss of market share via material or product substitution?

Q.101 What M&A activities did take place in the last five years in the composites in the Indian aerospace and defense industry?

## Contents

### **1. EXECUTIVE SUMMARY**

### **2. MARKET BACKGROUND AND CLASSIFICATIONS**

2.1: Introduction, Background, and Classifications

2.2: Supply Chain

### **3. MARKET TRENDS AND FORECAST ANALYSIS FROM 2015 TO 2026**

3.1: India Composites Market Trends and Forecast

3.2: Indian Composites Market by End Use

3.2.1: Pipe and Tank

3.2.2: Transportation

3.2.3: Wind Energy

3.2.4: Aerospace and Defence

3.2.5: Construction

3.2.6: Marine

3.2.7: Electrical and Electronics

3.2.8: Telecommunication

3.2.9: Others

3.3: Composites for Indian Aerospace and Defence Market by Application

3.3.1: Civil Aviation

3.3.2: Military Aviation

3.3.3: Spacecraft

3.4: Composites in Indian Aerospace and Defence Market by Process

3.4.1: RTM/VARTM

3.4.2: Filament Winding

3.4.3: Prepreg Lay-Up

3.4.4: Hand Lay-up

3.4.5: Injection Molding

3.4.6: Compression Molding

3.4.7: Other Processes

3.5: Composites in Indian Aerospace and Defence Market by End Product

3.6: Market Share Analysis- Customer List

3.7: Market Share Analysis- Supplier List

### **4. COMPETITOR ANALYSIS**

- 4.1: Product Portfolio Analysis
- 4.2: Operational Integration
- 4.3: Geographical Reach
- 4.4: Porter's Five Forces Analysis

## **5. GROWTH OPPORTUNITIES AND STRATEGIC ANALYSIS**

- 5.1: Growth Opportunity Analysis
  - 5.1.1: Growth Opportunities for the Indian Composites Market by End Use Industry
  - 5.1.2: Growth Opportunities for the Composites in Indian Aerospace and Defence Market by Manufacturing Process
  - 5.1.3: Growth Opportunities for the Composites in Indian Aerospace and Defence Market by Application
- 5.2: Emerging Trend in the Composites in Indian Aerospace and Defence Market
- 5.3: Strategic Analysis
  - 5.3.1: New Product Development
  - 5.3.2: Capacity Expansion of the Composites in Indian Aerospace and Defence Market
  - 5.3.2: Mergers, Acquisitions and Joint Ventures in the Composites in Indian Aerospace and Defence Market
  - 5.3.3: Certification and Licensing
  - 5.3.4: Current Projects Under Development
  - 5.3.5: Upcoming Projects Details

## **6. COMPANY PROFILES OF LEADING PLAYERS**

- 6.1: TATA GROUP
- 6.2: Hindustan Aeronautics Limited
- 6.3: Kinenco Kaman Composites
- 6.4: Taneja Aerospace and Aviation Ltd.
- 6.5: Adani Defence and Aerospace

## **7. COMPANY PROFILES OF COMPOSITES SUPPLIERS**

- 7.1: Hexcel Corporation
- 7.2: Reliance Industries Limited
- 7.3: Solvay

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