

Composite Products

About Composite: Composite is engineering term which means physical assembly of two or more materials to form one single bulk. Advantage is that two or more materials can be combined to take advantage of good characteristics of each material. Some examples of composite materials include fiber cement, thermoplastics, composite wood products, etc.

Why are composites used? As composites are made by combining the best properties of two or more components, they typically offer enhanced strength or durability over many other products and may provide additional benefits like resistance to moisture or corrosion.

Where are composites used? Composites are used in:

- **Building materials** (fiber-reinforced cement),
- **Aircraft** (fiberglass-reinforced aluminum or carbon fiber),
- **Sports** (surfboards and skis, contains composite materials that add flexibility while maintaining durability),
- **Boating** (fiberglass or thermoplastics)
- **Ballistic protection** (Carbon-based composite fibers are often used to make bulletproof vests and other ballistic protection devices.)

Major manufacturers in India:

Kineco Pvt. Ltd, Kemrock Industries, St Advanced composites, Hindustan Composites Ltd, and ValetH Hightech composites are some of the well-known manufacturers.

About opportunity: The market for composites is estimated to grow from USD 69.50 Billion (More than **INR 65,000 Crores**) in 2015 to USD 105.26 Billion (More than **INR 7 lakh Crores**) by 2021, at a CAGR of 7.04% between 2016 and 2021¹.

Report coverage

1. Assessment of demand for composites in your local area
2. Manufacturing process, Machinery required / Quotes from suppliers
3. Raw material requirements, Quotes from suppliers
4. Approvals and Regulatory requirements
5. Competitive landscape
6. Competitive landscape (Number of players, their product portfolio, etc.)
7. Market research (Consumer base, increase/decrease in demand, market size growth, etc.)
8. Advice on initial viable capacity
9. Capital requirements, profitability
10. Profitability projections for the coming years

¹ Source: Markets and Markets

Contact details:

Write to us: bchhatre@finetrain.com, admin@finetrain.com

Call us: **800 888 4932** / 9032398367

Visit us: www.finetrain.com