

# Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Honeycomb Sandwich Market 2018, Forecast to 2023

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### **Abstracts**

Honeycomb sandwich is widely used in lightweight construction especially in aerospace industries because of their high specific strengths and stiffness. The typical sandwich panel consists of a lightweight core covered by two thin face sheets (skin). Each face sheet may be an isotropic material or a fiber-reinforce composite laminate while the core material may either be of metallic / aramid honeycomb or metallic / polymeric foam.

### **SCOPE OF THE REPORT:**

This report focuses on the Honeycomb Sandwich in global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application. USA is the dominate producer of honeycomb sandwich, the production is 11089 k sgm in 2015, according for about 32.88% of the total amount, followed by China, with the production market share of 28.05%. China also has the highest production growth rate of 6.13% from 2011 to 2015. And China is expected to remain the regions with the largest growth potential in the forecast period. Even though a huge space for growth in the Chinese market exists, the quality and technology should further improve. At present, in the foreign industrial developed countries the honeycomb sandwich industry is generally at a more advanced level, the world's large enterprises are mainly concentrated in the USA, Europe, accounted for most of the international market share. Meanwhile, these companies have more advanced equipment, strong R&D capabilities; the technical level is in a leading position. But foreign companies' manufacturing cost is relatively high, compared with Chinese companies, the manufacturing cost is competitive disadvantage, as the Chinese honeycomb sandwich production enterprise technology continues to improve, their share in the international market is increasing,



competitiveness in the international market gradually increase. Leading players in honeycomb sandwich industry are Hexcel, Liming Honeycomb, Gill Corporation, EconCore. Hexcel is the largest manufacturer, with the market share of 12.06% in 2015. The top four companies occupied about 29.60% share of the market in 2015. DuPont is the dominate producer of Nomex. Almost all of aramid honeycomb manufacturers purchased Nomex paper from DuPont as the raw material. Basically, DuPont monopolize the upstream market. And the price of Nomex paper keep increasing tendency in recent years. Therefore, the price of aramid honeycomb panel is higher year by year. While with lower price of aluminum, the price of aluminum honeycomb panel has been falling in recent years.

The worldwide market for Honeycomb Sandwich is expected to grow at a CAGR of roughly 2.1% over the next five years, will reach 2070 million US\$ in 2023, from 1830 million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

Hexcel
Liming Honeycomb
Gill Corporation
Alucoil
Beecore Honeycomb
EconCore
Plascore
Sika
Pacfic Panels
TRB
Samia Canada



Bangheda

NLM Group
Coretex Group
EverGreen Group
HONYLITE
Qixingnuo Metal
FORM s.r.o.
General Veneer
Sansheng Building Material
Yinshanyan
Daou Aluminum
Nanhai Hongwei
Advanced Custom Manufacturing
Hubei Hangyu
Shinko-North
Ecoearth
Market Commant has Denisma and its allowed a local states and
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 etc.) Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa) Market Segment by Type, covers Aluminum Core **Aramid Core** Thermoplastic Core Other Market Segment by Applications, can be divided into Aerospace & Defense Transportation Construction Others

There are 15 Chapters to deeply display the global Honeycomb Sandwich market.

Chapter 1, to describe Honeycomb Sandwich Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of Honeycomb Sandwich, with sales, revenue, and price of Honeycomb Sandwich, in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;



Chapter 4, to show the global market by regions, with sales, revenue and market share of Honeycomb Sandwich, for each region, from 2013 to 2018;

Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and by manufacturers, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2013 to 2018;

Chapter 12, Honeycomb Sandwich market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe Honeycomb Sandwich sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source



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