

# 2018 Top 5 Honeycomb Sandwich Players in North America, Europe, Asia-Pacific, South America, Middle East and Africa

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## Abstracts

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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. USA is the dominate producer of honeycomb sandwich, the production is 11089 k sqm 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.

Over the next five years, LPI(LP Information) projects that Honeycomb Sandwich will register a 2.1% CAGR in terms of revenue, reach US\$ 2070 million by 2023, from US\$ 1830 million in 2017.

This report studies the global market, especially in North America, Europe, Asia-Pacific, South America, Middle East and Africa, focuses on the top 5 players in each region, with sales, price, revenue and market share from 2013 to 2018, the top players:

Hexcel

Liming Honeycomb

Gill Corporation

Alucoil

Beecore Honeycomb

EconCore

Plascore

Sika

Pacific 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 Segment by Regions, this report splits Global into several key Regions, with sales, revenue, market share of top players in these regions, from 2013 to 2018 (forecast), like

North America (United States, Canada and Mexico)

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

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

South America (Brazil, Chile, Peru and Argentina)

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

Split by Product Types, with sales, revenue, price, market share of each type, can be divided into

Aluminum Core

Aramid Core

Thermoplastic Core

Other

Split by applications, this report focuses on sales, market share and growth rate in each application, can be divided into

Aerospace & Defense

Transportation

Construction

Others

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