



# Global and China Copper Clad Laminate Industry Report, 2013-2016

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## STUDY GOAL AND OBJECTIVES

This report provides the industry executives with strategically significant competitor information, analysis, insight and projection on the competitive pattern and key companies in the industry, crucial to the development and implementation of effective business, marketing and R&D programs.

## REPORT OBJECTIVES

- ◆ To establish a comprehensive, factual, annually updated and cost-effective information base on market size, competition patterns, market segments, goals and strategies of the leading players in the market, reviews and forecasts.
- ◆ To assist potential market entrants in evaluating prospective acquisition and joint venture candidates.
- ◆ To complement the organizations' internal competitor information gathering efforts with strategic analysis, data interpretation and insight.
- ◆ To suggest for concerned investors in line with the current development of this industry as well as the development tendency.
- ◆ To help company to succeed in a competitive market, and

## METHODOLOGY

Both primary and secondary research methodologies were used in preparing this study. Initially, a comprehensive and exhaustive search of the literature on this industry was conducted. These sources included related books and journals, trade literature, marketing literature, other product/promotional literature, annual reports, security analyst reports, and other publications. Subsequently, telephone interviews or email correspondence was conducted with marketing executives etc. Other sources included related magazines, academics, and consulting companies.

## INFORMATION SOURCES

The primary information sources include Company Reports, and National Bureau of Statistics of China etc.

## Abstract

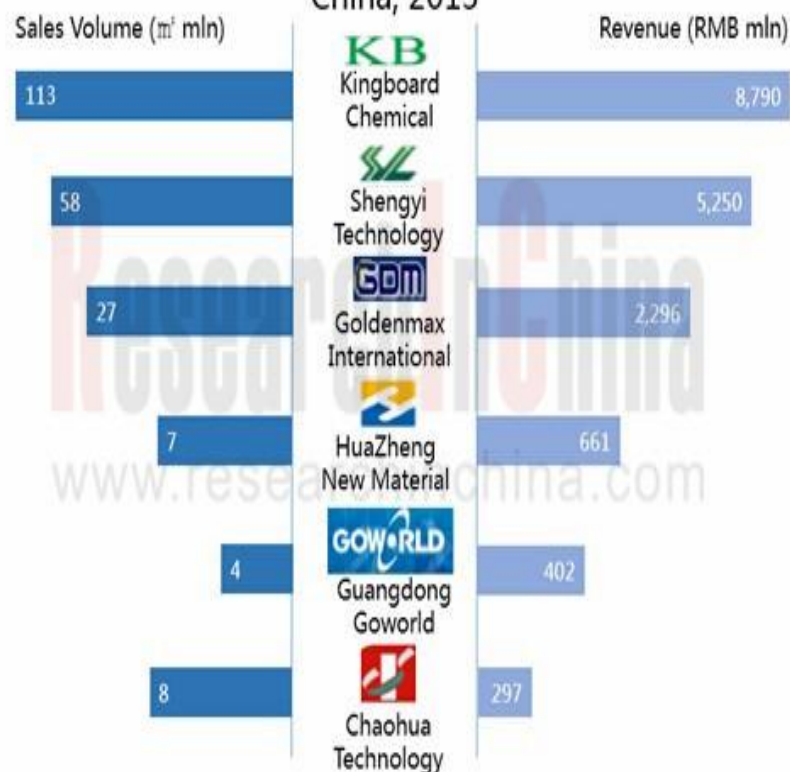
Copper clad laminate (CCL) is the electronic industrial base material, mainly used for the manufacture of printed circuit board (PCB), widely applied in television, radio, computer, mobile communications and other electronic products.

In 2013, the global copper clad laminate output saw a year-on-year increase of 17.9% to 720 million square meters, primarily from Asia (95.6%), especially China, which made 480 million square meters of copper clad laminate that year, up 6.8% from a year earlier, accounting for 67.1% of global production.

Glass-fabric-base copper clad laminate and paper-base copper clad laminate are two biggest niche products by output, respectively making up 61.6% and 17.2% of the total output of China's copper clad laminate in 2013.

The copper clad laminate industry has entered a new round of growth in recent years, Asia especially China and Southeast Asia are showing the fastest development. Relevant manufacturers have successively taken measures e.g. capacity expansion and product transformation to reinforce the copper clad laminate business.

## Sales Volume and Revenue of CCL of Major Manufacturers in China, 2013



Source: Global and China Copper Clad Laminate Industry Report, 2013-2016E; ResearchInChina

Guangdong Shengyi Sci. Tech Co., Ltd. embarked on the construction of high-performance PCB copper clad laminate industrialization project in August 2013. The project, with total investment of RMB830 million, is expected to go into operation in 2015. Then the company will form annual production capacity of 3.6-million-piece FR-4 and 3.6-million-piece CEM-3.

In April 2013, Goldenmax International Technology Ltd. invested RMB350 million in building the “10.2-million-piece/a Middle-high-grade CCL Production and 6-million-meter Prepreg Sales Project”. At present, the main workshop construction is almost done, the Phase I equipment is being installed, expected to go into operation in October 2014.

The “2.4-million-square-meter/a Environmental-protection-cloth-base CCL Expansion Project” of Guangdong ChaoHua Technology Co., Ltd. was successfully completed in March 2013. Thereby, the company’s copper clad laminate production capacity will attain 3.7 million square meters/a.

In April 2014, Guangdong Goworld Co., Ltd. spent RMB73.33 million on the optimization and upgrading of copper clad laminate product mix, which, expected to reach design capacity in June 2015, would generate 3.3 million square meters/a copper clad laminate and prepreg.

Global and China Copper Clad Laminate Industry Report, 2013-2016 focuses on the followings:

- ⇒ Global copper clad laminate production, sales and market structure
- ⇒ China’s copper clad laminate industry development environment;
- ⇒ China’s copper clad laminate production, sales, market structure, competitive structure, import and export;
- ⇒ Main upstream and downstream industries of copper clad laminate;
- ⇒ Operation of 5 global and 14 Chinese copper clad laminate manufacturers.

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