

Global Copper Clad Laminates Market:
Analysis By Type (Rigid and Flexible), By
Application (Communication Systems,
Computers, Consumer Electronics,
Automotive Electronics, Industrial
Electronics, Medical Equipment, and
Others), By Reinforcement Material
(Fiberglass, Special Substrates Base,
Compound, and Paper Base), By Region
Size and Trends with Impact of COVID-
19 and Forecast up to 2028

February 2023

Global Copper Clad Laminates Market: Coverage

Executive Summary and Scope

Introduction/Market Overview

Global Market Analysis

Regional Market Analysis

Impact Of COVID 19

Dynamics

Competitive Landscape

Company Profiling

Global Copper Clad Laminates Market: Coverage

Scope of the Report

Attributes	Details
Title	Global Copper Clad Laminates Market: Analysis By Type (Rigid and Flexible), By Application (Communication Systems, Computers, Consumer Electronics, Automotive Electronics, Industrial Electronics, Medical Equipment, and Others), By Reinforcement Material (Fiberglass, Special Substrates Base, Compound, and Paper Base), By Region Size and Trends with Impact of COVID-19 and Forecast up to 2028
Coverage	Global and Regional
Regional Coverage	Asia Pacific (China, Taiwan, South Korea, Japan, and Rest of the Asia Pacific), North America (The US, Mexico, and Canada), Europe (Germany, Italy, UK, France, Spain, and Rest of Europe), and Rest of World
Market Influencing Variables	Growth Drivers, Challenges, Market Trends
Forecast Period of Market	2023-2028
Competition in the Market	Concentrated
Key Players	Elite Material Co. Ltd. (EMC), Showa Denko K.K./ Resonac Holdings Corporation, Doosan Corp., Mitsubishi Gas Chemical Company, Inc., Rogers Corporation, Kingboard Laminates Holdings Ltd., ITEQ Corporation, Nan Ya Plastics Corporation, Shengyi Technology Co., Ltd., Taiwan Union Technology Corporation (TUC), Isola Group, and Goldenmax International Group Ltd.

Global Copper Clad Laminates Market: Coverage

Executive Summary

A copper-clad laminate (CCL) is a board-like material that is made by immersing electronic fiberglass cloth or other reinforcing materials in resin, and then covering that with copper foil on one or both sides before it is hot-pressed. A key application for copper-clad laminates is in the manufacture of printed circuit boards (PCBs) used to mechanically support and connect electronic components. The global copper-clad laminates market was valued at US\$15.08 billion in 2022. The market value is expected to reach US\$21.20 billion by 2028, growing at a CAGR of 5.84% over the projected period of 2023-2028.

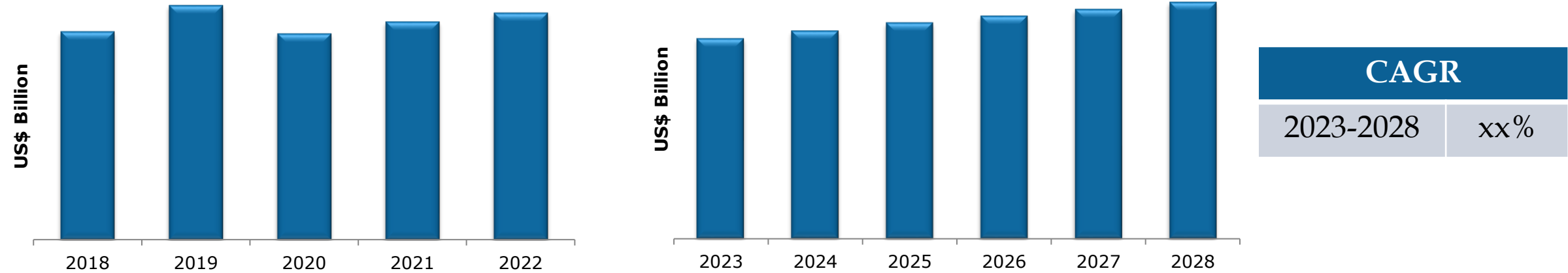
The global copper-clad laminates market can be bifurcated based on the type (Rigid and Flexible), and application (Communication Systems, Computers, Consumer Electronics, Automotive Electronics, Industrial Electronics, Medical Equipment, and Others). Rigid CCLs held the major share of the market. The rigid CCL market has been further bifurcated based on reinforcement material (Fiberglass, Special Substrates Base, Compound, and Paper Base). The special substrate base is expected to be the fastest-growing segment in the forthcoming years. Asia Pacific held the major share of the market in 2022.

The COVID-19 pandemic slowed the copper-clad laminates industry's growth in 2020. Due to blockage in trade and services across the globe, disruption in raw material supply, the surge in instrument and equipment prices, and a ban on transportation, the market was impacted heavily. Moreover, the COVID-19 outbreak has negatively affected PCB demand due to the supply chain fallout and a decline in demand from the industrial and automotive sectors, which has further decelerated the CCL market growth. However, the demand for edge computing emerges as the new driving force of the server market and would evolve and develop with the deployment of 5G infrastructure. This would stimulate the demand for PCB and CCL in the coming years, simultaneously.

The global copper-clad laminates market observed progressive growth in the past few years and anticipations are made that during the forecasted period (2023-2028), the market would further augment at an escalating growth rate. The global copper-clad laminates market growth is predicted to be supported by numerous growth drivers such as increasing demand for consumer electronics, increasing demand for vehicles, increasing disposable income, growing use of medical devices, growing industrial robot industry, and many other factors. Conversely, the market growth would be negatively impacted by various challenges such as rising copper prices, shortage of raw materials, chip shortage crisis, etc. Moreover, the market growth would succeed in various market trends like rapid development of cloud computing and server market, increasing auto electrification, rising IoT market, increasing construction of 5G base station, etc.

Copper Clad Laminates Market: Global Analysis

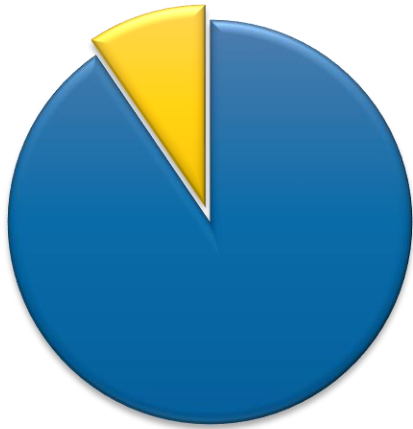
Global Copper Clad Laminates Market by Value



Global copper clad laminates market was valued at US\$... billion in 2022 and is anticipated to reach up to US\$... billion by 2028 from US\$... billion in 2023, with a CAGR of xx%.

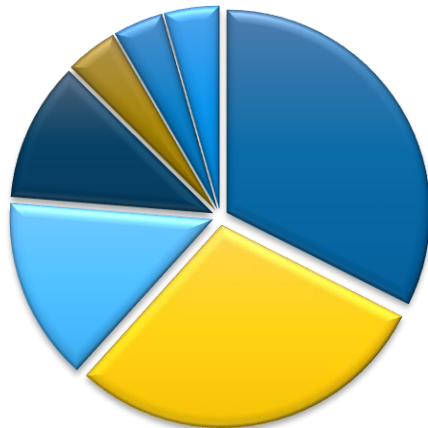
Copper Clad Laminates Market: Global Analysis

Global Copper Clad Laminates Market by Type; 2022



Type	Share
Rigid	xx%
Flexible	xx%

Global Copper Clad Laminates Market by Application; 2022



Application	Share
Communication Systems	xx%
Computers	xx%
Consumer Electronics	xx%
Automotive Electronics	xx%
Industrial Electronics	xx%
Medical Equipment	xx%
Others	xx%

Copper Clad Laminates Market: Global Analysis

Global Copper Clad Laminates Market by Region; 2022



Asia Pacific, xx%

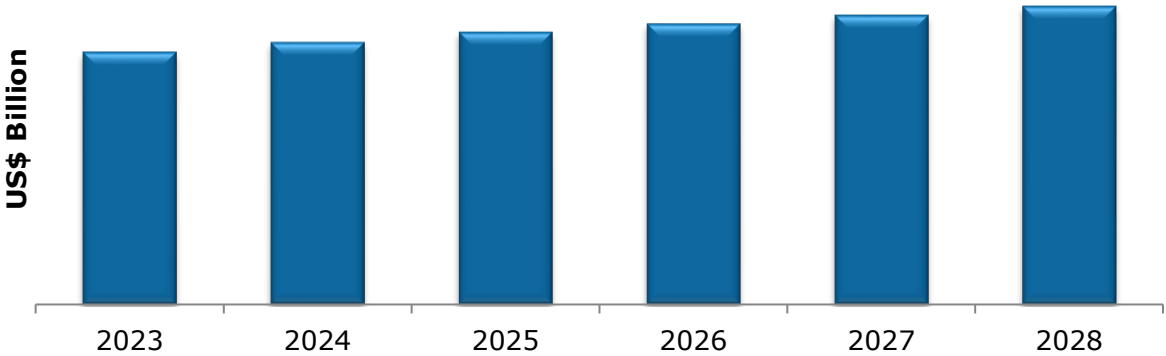
North America, xx%

Europe, xx%

Rest of the World, xx%

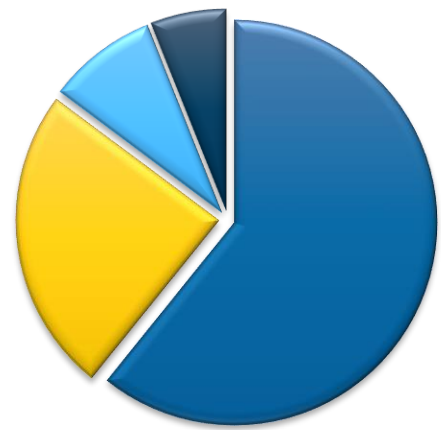
Copper Clad Laminates Market: Type Analysis

Global Rigid Copper Clad Laminates Market by Value



Type	CAGR (2023-2028)
Rigid	xx%
Flexible	xx%

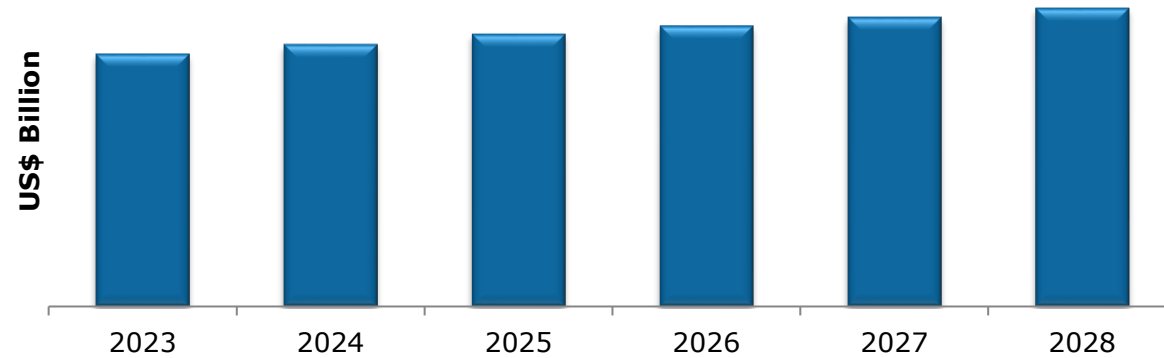
Global Rigid Copper Clad Laminates Market by Reinforcement Material



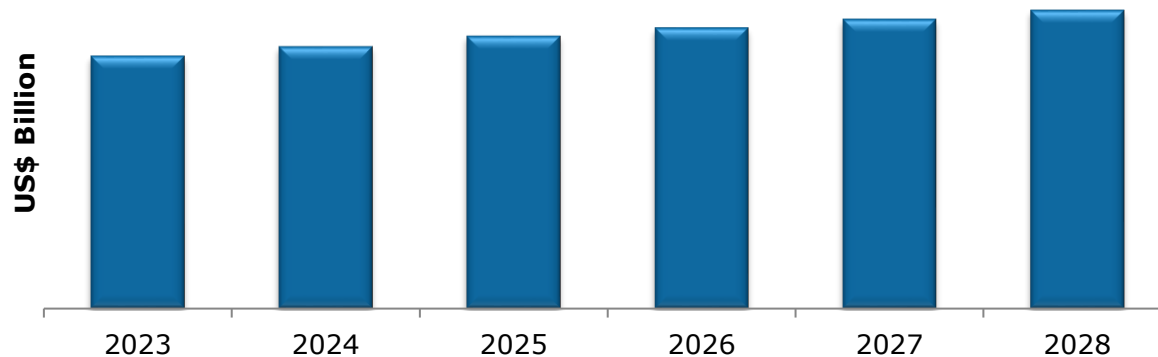
Reinforcement Material	Share
Fiberglass	xx%
Special Substrates Base	xx%
Compound	xx%
Paper Base	xx%

Copper Clad Laminates Market: Application Analysis

Global Communication Systems Copper Clad Laminates Market by Value



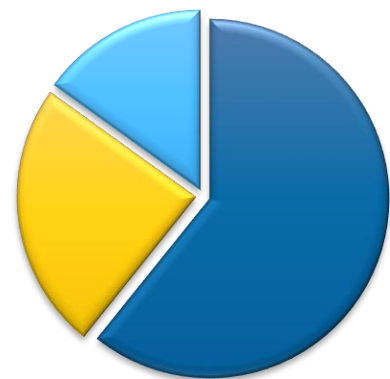
Global Automotive Copper Clad Laminates Market by Value



Application	CAGR (2023-2028)
Communication Systems	xx%
Computers	xx%
Consumer Electronics	xx%
Automotive Electronics	xx%
Industrial Electronics	xx%
Medical Equipment	xx%
Others	xx%

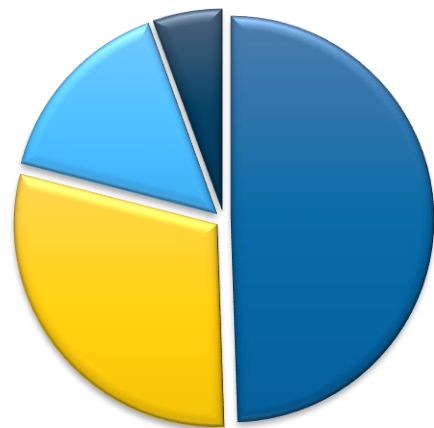
Copper Clad Laminates Market: Reinforcement Material Analysis

Global Fiberglass Rigid Copper Clad Laminates Market by Type; 2022
(Percentage, %)



Type	Share
Conventional FR-4	xx%
Halogen Free	xx%
High TG FR-4	xx%

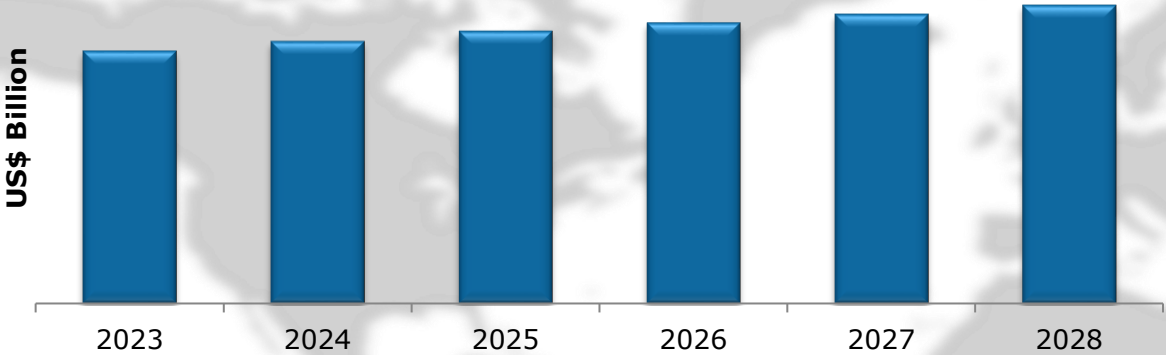
Global Special Substrates Base Rigid Copper Clad Laminates Market by Type; 2022 (Percentage, %)



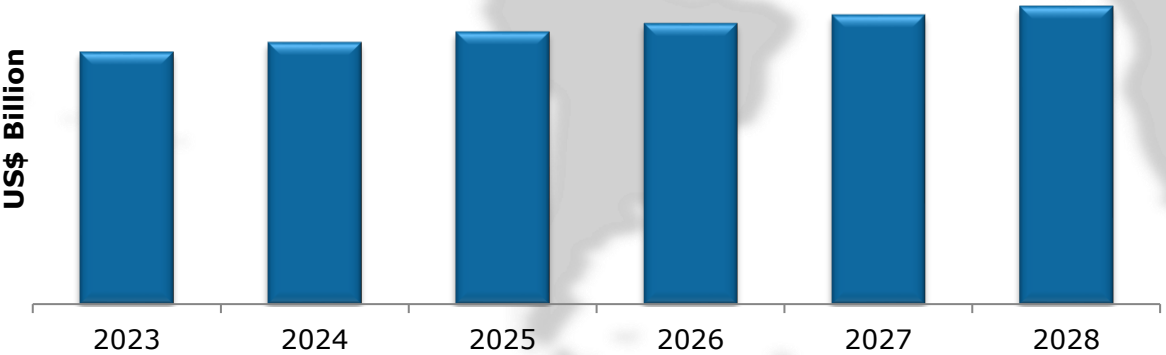
Type	Share
High Speed	xx%
PKG Substrate	xx%
High Frequency	xx%
Others	xx%

Copper Clad Laminates Market: Regional Analysis

Asia Pacific Copper Clad Laminates Market by Value



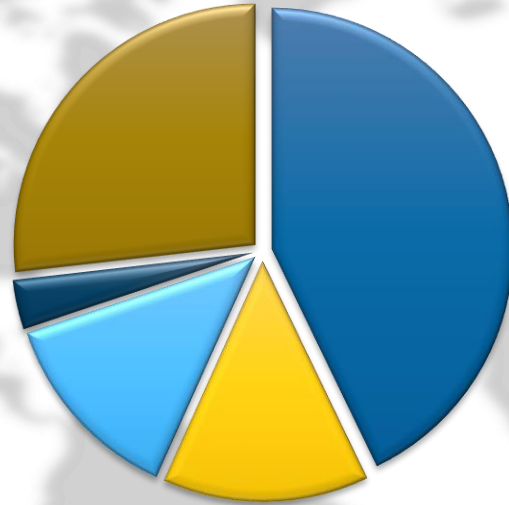
North America Copper Clad Laminates Market by Value



Region	CAGR (2023-2028)
Asia Pacific	xx%
North America	xx%
Europe	xx%
Rest of the World	xx%

Asia Pacific Copper Clad Laminates Market: An Analysis

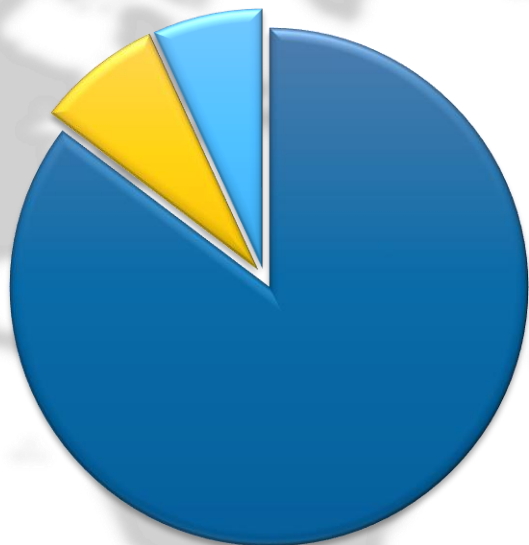
Asia Pacific Copper Clad Laminates Market by Region; 2021



Region	Share (2022)	CAGR (2023-2028)
China	xx%	xx%
Taiwan	xx%	xx%
South Korea	xx%	xx%
Japan	xx%	xx%
Rest of Asia Pacific	xx%	xx%

North America Copper Clad Laminates Market: An Analysis

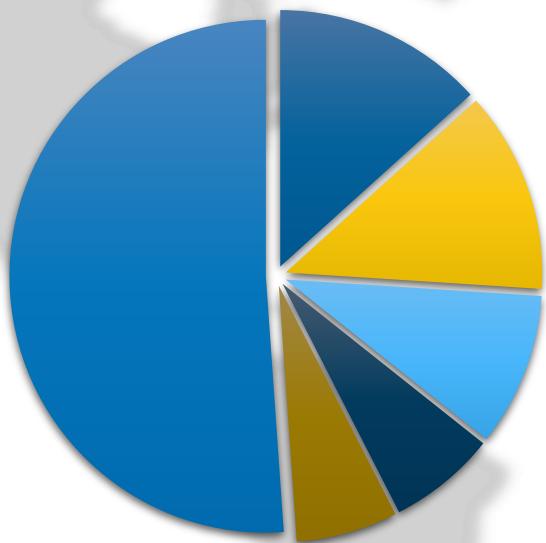
North America Copper Clad Laminates Market by Region; 2022



Region	Share (2022)	CAGR (2023-2028)
The US	xx%	xx%
Canada	xx%	xx%
Mexico	xx%	xx%

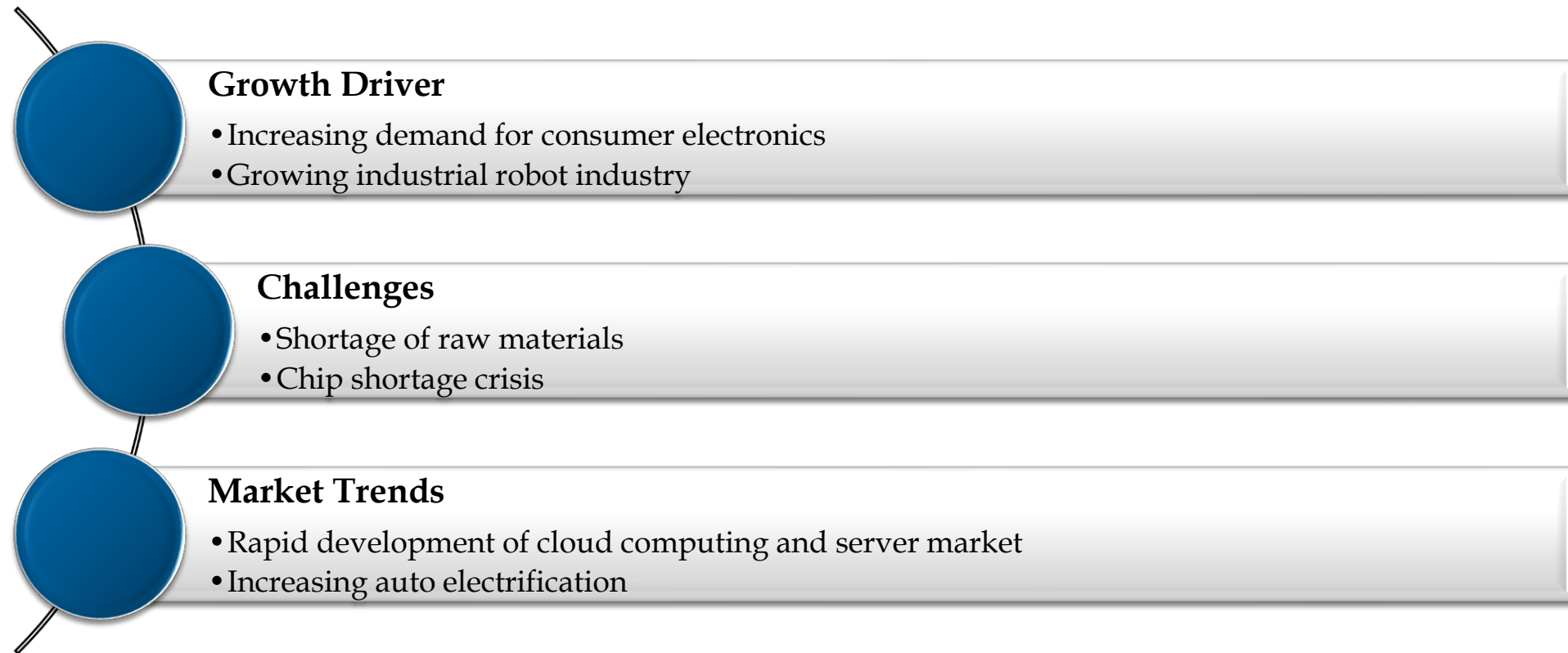
Europe Copper Clad Laminates Market: An Analysis

Europe Copper Clad Laminates Market by Region; 2022



Region	Share (2022)	CAGR (2023-2028)
Germany	xx%	xx%
Italy	xx%	xx%
UK	xx%	xx%
France	xx%	xx%
Spain	xx%	xx%
Rest of Europe	xx%	xx%

Global Copper Clad Laminates Market: Dynamics



Global Copper Clad Laminates Market: Competitive Landscape

Players Profiled

- ❑ Elite Material Co. Ltd. (EMC)
- ❑ Showa Denko K.K./ Resonac Holdings Corporation
- ❑ Doosan Corp.
- ❑ Mitsubishi Gas Chemical Company, Inc.
- ❑ Rogers Corporation
- ❑ Kingboard Laminates Holdings Ltd.
- ❑ ITEQ Corporation
- ❑ Nan Ya Plastics Corporation
- ❑ Shengyi Technology Co., Ltd.
- ❑ Taiwan Union Technology Corporation (TUC)
- ❑ Isola Group
- ❑ Goldenmax International Group Ltd.

Global Copper Clad Laminate Players by Market Share; 2022 (Percentage, %)

