

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

<https://marketpublishers.com/r/GB5F3FDB3D8EN.html>

Date: August 2018

Pages: 145

Price: US\$ 4,880.00 (Single User License)

ID: GB5F3FDB3D8EN

## Abstracts

Brazing is a metal joining process utilizing a filler metal that melts above 840°F and below the melting point of the base metals.

The American Welding Society defines brazing as “a group of joining processes that produces coalescence of materials by heating them to the brazing temperature in the presence of a filler metal having a liquidus above 840°F (450°C) and below the solidus of the base metal. The filler metal is distributed between the closely fitted faying surfaces of the joint by capillary action.”

Brazing then must meet each of three criteria:

1. The parts must be joined without melting the base metals.
2. The filler metal must have a liquidus temperature above 840°F (450°C).
3. The filler metal must wet the base metal surfaces and be drawn into or held in the joint by capillary action.

Brazing Materials include powders, pastes, coated-rods, preformed, rings, wire and fluxes. The major filler metal contain silver brazing alloys, Copper brazing alloys, Aluminum brazing alloys, nickel brazing alloys.

## SCOPE OF THE REPORT:

This report focuses on the Brazing Materials 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.

The market is driven by various end-user industries, such as Automobile, Aviation, Oil and Gas, Electrical Industry, Household Appliances, Power Distribution and so on. As the downstream consumption usually follows with developed and rapid economic growth areas, such as BRICS, the developed areas' company prefers investing to

underdevelopment regions these years.

At present, in developed countries, the Brazing Materials industry is generally at a more advanced level. The world's large enterprises are mainly concentrated in Asia. China's Brazing Materials industry has developed into a national wide status with certain research and production capacity, industry product mix has gradually improved. Currently, China has become international Brazing Materials large consumption country, but the production technology is relatively laggard, it can only produce some low-end product. Although the new production lines is increasing, the high-end product is still relying on import.

The Brazing Materials is a low concentration industry, which have many small and medium enterprises in china. The annual production of them are about few hundred Tonne. In short future, the competition pattern will not change.

The leading companies own the advantages on better performance, more abundant product's types, better technical and impeccable after-sales service. Consequently, they take the majority of the market share of high-end market. Looking to the future years, the slow downward price trend in recent years will maintain.

Significant and lasting barriers make entry into this market difficult. These barriers include, but are not limited to: (i) product development costs; (ii) capital requirements; (iii) intellectual property rights; (iv) regulatory requirement; and (v) Transitions' unfair methods of competition.

Despite the presence of competition problems, due to the global recovery trend is clear, investors are still optimistic about this area, the future will still have more new investment enter the field. Even so, the market is intensely competitive .The study group recommends the new entrants just having money but without technical advantage and upstream and downstream support do not to enter into this field.

The worldwide market for Brazing Materials is expected to grow at a CAGR of roughly 3.3% over the next five years, will reach 1380 million US\$ in 2023, from 1130 million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

Voestalpine Bohler Welding

Umicore

Lucas-Milhaupt

Johnson Matthey Plc

Huaguang

Prince & Izant

Nihon Superior

Aimtek

Wieland Edelmetalle

Materion

Indian Solder and Braze Alloys

Saru Silver

Harris Products

Morgan Advanced Materials

VBC Group

Pietro Galliani Brazing

SentesBIR

Wall Colmonoy

Zhejiang Asia- Welding

Seleno

Stella

Linbraze

Hebei Yuguang

Huayin

Zhongshan Huale

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

Silver Brazing Alloys

Copper Brazing Alloys

Aluminum Brazing Alloys

Nickel Brazing Alloys

Others

Market Segment by Applications, can be divided into

Automobile

Aviation

Oil and Gas

Electrical Industry

Household Appliances

Power Distribution

Others

There are 15 Chapters to deeply display the global Brazing Materials market.

Chapter 1, to describe Brazing Materials Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of Brazing Materials, with sales, revenue, and price of Brazing Materials, 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 Brazing Materials, 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, Brazing Materials market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

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

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