Global Silver- and Gold-based Brazing Materials Market 2016-2020

Description: About Silver- and Gold-Based Brazing Materials

Brazing is the joining two or more metals by filling a molten filler metal, or a brazing alloy. The melting point of these alloys is usually above 840°F and below the melting temperature of the base metals that are to be joined.

The base metals are heated to temperatures slightly above the liquidus temperature (temperature above which the metal liquidifies) of the filler metal. The filler metal is then placed marginally in the region that has to be joined. The liquefied filler material is permitted to penetrate the joints of the base metals by capillary action. Once solidified, the filler metal bonds the surfaces of the base metals through atomic attraction and fusion.

Brazing is usually performed in controlled atmospheric conditions (in a vacuum furnace). Flux is used to prevent the oxidation of metals during brazing. Silver- and gold-based alloys are used for many brazing procedures.

The analysts forecast the global silver- and gold-based brazing materials market to grow at a CAGR of 3.11% during the period 2016-2020.

Covered in this report
The report covers the present scenario and the growth prospects of the global silver- and gold-based brazing materials market for 2016-2020.

The market is divided into the following segments based on geography:
- Americas
- APAC
- EMEA

The report, Global Silver- and Gold-Based Brazing Materials Market 2016-2020, has been prepared based on an in-depth market analysis with inputs from industry experts. The report covers the market landscape and its growth prospects over the coming years. The report also includes a discussion of the key vendors operating in this market.

Key vendors
- Johnson Matthey
- Lucas-Milhaupt
- Morgan Advanced Materials.

Other prominent vendors
- Amttek
- Bellman-Melcor
- Harris Products
- Indian Solder and Braze Alloys
- LINBRAZE
- Materion
- Metalli
- Pietro Galliani Brazing
- Prince & Izant
- Saru Silver Alloy
- Sentes-BIR
- STELLA
- Umicore
- VBC
- Voestalpine Böhler Welding
- Wieland-Edelmetalle.
Market drivers
- Rise in demand from HVAC&R segment
- For a full, detailed list, view the full report

Market challenges
- Fluctuating costs of raw materials
- For a full, detailed list, view the full report

Market trends
- Increase in demand from emerging economies
- For a full, detailed list, view the full report

Key questions answered in this report
- What will the market size be in 2020 and what will the growth rate be?
- What are the key market trends?
- What is driving this market?
- What are the challenges to market growth?
- Who are the key vendors in this market space?
- What are the market opportunities and threats faced by the key vendors?
- What are the strengths and weaknesses of the key vendors?

You can request one free hour of our analyst's time when you purchase this market report. Details are provided within the report.

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