Aluminum Systems Market by Alloy Type, Alloying Element, Application, & Geography - Global Forecast to 2020

Description: "Aluminum Systems Market by Alloy Type (Wrought Aluminum Alloy, Cast Aluminum Alloy), Alloying Element (Silicon, Manganese, Copper, Magnesium), Application (Transportation & Logistics, Packaging, Construction, Electrical & Electronics), & Geography - Global Forecast to 2020"

Asia-Pacific dominated the market with a share of 45% in 2014; this market is driven by increasing competition, consumer awareness, rising consumer spending, demand for value-added product, and technological advancements. The Asia-Pacific region is projected to become the fastest-growing market for aluminum systems from 2015 to 2020. Moreover, with increasing awareness about environmental hazards, the market will adopt technologies to develop a sustainable manufacturing process which is environment-friendly. The Asia-Pacific region accounted for around 45% of the total market share in terms of value, followed by the North American and European regions. The aluminum systems market in developing countries such as China and India are estimated to grow at a higher rate from 2015 to 2020. China is estimated to grow faster than any other country because of its strong economic growth along with growing demand from end-user industry and rapid urbanization.

Wrought aluminum alloy accounted for the largest share of 79% of aluminum systems market in 2014. Cast aluminum alloy is projected to be the fastest-growing alloy type segment from 2015 to 2020. Silicon is projected to be the fastest-growing alloying element during the same period. Copper is projected to be the second-fastest growing product type segment from 2015 to 2020. Transportation & logistics accounted for the largest share of aluminum systems market in 2014 due to the rising demand for fuel-efficient vehicles.

This report estimates the market size of the global aluminum systems market in terms of value (USD billion). In this report, the market is segmented based on alloy type, alloying element, application, and region. Market drivers, restraints, challenges, raw materials, and product price trends are discussed in detail. Market share, by participant, for the overall market is also discussed in detail. The global aluminum systems market has grown exponentially in the last few years and this trend is expected to continue.

Scope of the Report

This research study categorizes the global aluminum systems market based on alloy type, alloying element, application, and region:

On the basis of alloy type, the aluminum systems market has been segmented as follows:

- Wrought aluminum alloy
- Cast aluminum alloy

On the basis of alloying element, the aluminum systems market has been segmented as follows:

- Silicon
- Magnesium
- Manganese
- Copper
- Others (zinc)

On the basis of application, the aluminum systems market has been segmented as follows:

- Transportation & Logistics
- Packaging
- Construction
- Electrical & Electronics
- Others (manufactured/machined components)

On the basis of region, the aluminum systems market has been segmented as follows:
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