

Indian Aluminium Powder Market Report by End-Use (Pyrotechnics Industry), Technology (Air-Atomization), Raw Material (Aluminum Ingots, Aluminum Scrap), Furnace Type (Oil-Fired Furnace, Gas-Fired Furnace, Electric Furnace), and Region 2024-2032

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Report description:

The Indian aluminium powder market size reached 43,977.2 Tons in 2023. Looking forward, IMARC Group expects the market to reach 71,142.5 Tons by 2032, exhibiting a growth rate (CAGR) of 5.3% during 2024-2032.

Aluminium is a lightweight, ductile, non-magnetic, malleable metallic element with a soft finish. Over the years, aluminium has been available in different forms which include aluminium sulphate, alum, aluminium powder, etc. Amongst these, aluminium powder is prepared by exposing molten aluminium metal to a compressed gas jet. After this, the combination is converted into fine droplets which are later solidified and collected. The gathered powder is subsequently graded according to the size of the particles. This powder is combustible in nature, light in weight, odourless, highly flammable and silvery-white to grey in colour. The aluminium powder market in India has been witnessing a positive growth in recent years led by increasing usage of aluminium powder in technological industries as well as its easy availability and affordability.

In India, aluminium powder is being used for various purposes across numerous industries which include metallurgy, chemicals, paints & pigments, explosives, construction and others. This is one of the major factors which has been supporting the growth of the aluminium powder in India. Additionally, there has been an increase in the use of aluminium powder for the production of coating paints which has further propelled its demand across the automotive industry. Apart from this, aluminium powder is corrosion-resistant and can be easily recycled owing to which it becomes a highly durable product with a longer lifespan as compared to other metals. As aluminium powder is effective in reflecting light, it is also being increasingly used in the form of pigments. These are some of the other factors which have been positively influencing the growth of the Indian aluminium powder

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market.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the Indian aluminium powder market report, along with forecasts at the country and regional level from 2024-2032. Our report has categorized the market based on end-use, technology, raw material and furnace type.

Breakup by End-Use:

On the basis of end-use, the pyrotechnics industry represents the biggest end use segment.

Breakup by Technology:

On the basis of technology, air-atomization represents the leading technology to produce aluminium powder.

Breakup by Raw Material:

Aluminum Ingots

Aluminum Scrap

On the basis of raw material, aluminum ingots represent the major type of raw material used to manufacture aluminium powder.

Breakup by Furnace Type:

Oil-Fired Furnace

Gas-Fired Furnace

Electric Furnace

On the basis of furnace type, oil-fired furnace represented the major type.

Breakup by Region:

North India

South India

East India

West India

Based on region, the market has been segmented into North India, South India, West India and East India. Currently, South India dominates the market, holding the majority of the market share.

Competitive Landscape:

The competitive landscape of the market has also been examined with some of the key players being MEPCO, MMPIL, Arasan, Sri Kaliswari, SunArk, etc.

This report provides a deep insight into the Indian aluminium powder covering all its essential aspects. This ranges from macro overview of the market to micro details of the industry performance, recent trends, key market drivers and challenges, SWOT analysis, Porter's five forces analysis, value chain analysis, etc. The report also provides a comprehensive analysis for setting up

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an aluminium powder manufacturing plant. The study analyses the processing and processing requirements, project cost, project funding, project economics, expected returns on investment, profit margins, etc. This report is a must-read for entrepreneurs, investors, researchers, consultants, business strategists, and all those who have any kind of stake or are planning to foray into the aluminium powder in any manner.

Key Questions Answered in This Report

1. What was the size of the Indian aluminium powder market in 2023?
2. What is the expected growth rate of the Indian aluminium powder market during 2024-2032?
3. What are the key factors driving the Indian aluminium powder market?
4. What has been the impact of COVID-19 on the Indian aluminium powder market?
5. What is the breakup of the Indian aluminium powder market based on the end use?
6. What is the breakup of the Indian aluminium powder market based on the technology?
7. What is the breakup of the Indian aluminium powder market based on the raw material?
8. What is the breakup of the Indian aluminium powder market based on the furnace type?
9. What are the key regions in the Indian aluminium powder market?
10. Who are the key players/companies in the Indian aluminium powder market?

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