South & Central America Iron Chromium Aluminum Alloy Wire Market Forecast to 2028 -Regional Analysis by Application (Electronic Appliances, Aerospace, Industrial Furnaces, Metallurgical and Machinery, and Others)

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Report description:

The South & Central America iron chromium aluminum alloy wire market is expected to grow from US$ 10.17 million in 2022 to US$ 12.47 million by 2028. It is estimated to grow at a CAGR of 3.5% from 2022 to 2028.

Various Advantages of Iron Chromium Aluminum Alloy Wires Fuels South & Central America Iron Chromium Aluminum Alloy Wire Market

Iron chromium aluminum alloy wires have a larger operation temperature. Iron chromium aluminum alloy can attain a maximum service temperature up to 1,400□C or 2,550□F. Iron chromium aluminum alloy wires have a long service life and large surface load-bearing capacity. The wires have superior oxidation resistance. Iron chromium aluminum alloys have lower density than nickel-chromium alloys. It refers to the availability of equivalent elements that can be produced from the same weight material. Iron chromium aluminum alloy wires have higher electric resistivity. The wires also have a lower thermal expansion coefficient than the nickel-base super-alloys. Due to all these advantages, iron chromium aluminum alloy wires are highly used for heating elements in the electrical industry and a wide range of high-temperature oxidation environments such as industrial electric furnaces, heating furnaces, nuclear reactors, petroleum refineries, automotive exhaust systems, household electrical appliances, and infrared settings. Therefore, the advantages of iron chromium aluminum alloy wires fuel the South & Central America iron chromium aluminum alloy wire market growth.

South & Central America Iron Chromium Aluminum Alloy Wire Market Overview

The South & Central America iron chromium aluminum alloy wire market is segmented into Brazil, Argentina, and the Rest of

South & Central America. As per the 'BRIEF MARKET REPORT Chemical products in Argentina' commissioned by the Netherlands Enterprise Agency, the chemicals industry accounts for 12% of Argentina's total manufacturing revenues and 9% of the nation's gross domestic product (GDP). Further, the chemical industry in Brazil is one of the largest industries across the world, and its petrochemical companies occupy leading positions in their product areas across the region. The country is strong in research and development, and this is reflected in the innovative nature of its specialty chemical producers that have been involved in bringing many new products to the market. Hence, the strong presence of the chemical, petrochemical, and other major industries in South & Central America drives the growth of iron chromium aluminum alloy wires market in the region.

South & Central America Iron Chromium Aluminum Alloy Wire Market Revenue and Forecast to 2028 (US$ Million)

South & Central America Iron Chromium Aluminum Alloy Wire Market Segmentation

The South & Central America iron chromium aluminum alloy wire market is segmented into application and country.

Based on application, the South & Central America iron chromium aluminum alloy wire market is segmented into electronic appliances, aerospace, industrial furnaces, metallurgical and machinery, and others. The industrial furnaces segment held the largest share of the South & Central America iron chromium aluminum alloy wire market in 2022.

Based on country, the South & Central America iron chromium aluminum alloy wire market is segmented int o Brazil, Argentina, and the Rest of South & Central America. The Brazil dominated the share of the South & Central America iron chromium aluminum alloy wire market in 2022.

Changzhou DLX Alloy Co Ltd; Donghai Electric Appliance Co Ltd; Jiangsu Nickel alloy Co Ltd; JLC Electromet Pvt Ltd; and Kanthal AB are the leading companies operating in the South & Central America iron chromium aluminum alloy wire market.

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