Market Analysis on PET Felt Panels market, Aluminium Recycling market and Radioactive Source market forecasted till 2030

Market Analysis on PET Felt Panels market, Aluminium Recycling market and Radioactive Source market forecasted till 2030

SEATTLE , WASHINGTON, USA, July 3, 2023 /EINPresswire.com/ -- Executive Summary
The global PET Felt Panels market is projected to experience substantial growth in the coming years due to increasing awareness about recycling and sustainability. PET Felt Panels are made from recycled PET bottles and have exceptional acoustic properties, making them ideal for use in offices, hotels, and residential buildings. The market size of the PET Felt Panels industry was valued at USD 147.60 million in 2022 and is expected to reach USD 236.90 million by 2030, growing at a CAGR of 7.00% from 2023 to 2030. North America and Europe are expected to dominate the market with the Asia Pacific region showing significant growth potential.

The PET Felt Panels Market is highly competitive with the presence of several key players such as De Vorm, Woven Image, 3 Form LLC, Silent PET, Soften Oy, Ideal Felt, Unika VAEV, Echo Jazz, Intermedius, Avenue Interior Systems, Feltkutur, Kingkus, Suzhou Greenish New Material Technology, Nantong Ofisolution New Material, Shenzhen Vinco Soundproofing Materials, and others. These companies offer a range of products and services in the PET Felt Panels Market, such as noise reduction, thermal insulation, and aesthetic appeal.

In terms of sales revenue, some of the companies that have reported significant figures include De Vorm, Woven Image, and 3 Form LLC. De Vorm reported sales revenue of €1-5 million, Woven Image reported sales revenue of $10-50 million, and 3 Form LLC reported sales revenue of $50-100 million.

PET Felt panels are made from recycled plastic bottles and are used in a wide range of architectural and interior design applications. The thickness of the PET felt panels plays a crucial role in determining their effectiveness and durability. These panels are available in different thicknesses that include below 7 mm, 7-10 mm, 10-15 mm, 15-25 mm, and above 25 mm. The thinner panels are suitable for wall partitions and ceiling panels, whereas thicker panels can be used for soundproofing and insulation.

PET Felt Panels have various applications across different industries due to their unique properties. In the home application segment, PET Felt Panels are used in furniture, wall

coverings, and decorative items. In entertainment applications, they are utilized in cinemas, concert halls, and recording studios for sound absorption. In workplace applications, these panels are used in soundproofing offices, meeting rooms, and call centers. In the industrial segment, PET Felt panels are used in equipment and machinery soundproofing.

The Asia-Pacific region is expected to dominate the PET Felt Panels market. This is due to the increasing demand for sustainable and eco-friendly materials in the region, as well as the growing construction and automotive industries. The market share percent valuation for the Asia-Pacific region is expected to be around 45% by 2026.

North America and Europe are also expected to hold significant market share in the PET Felt Panels market, with a combined market share of around 40% by 2026. This is due to the growing demand for sustainable building materials and the increasing adoption of eco-friendly practices in construction and design.

The Middle East and Africa and Latin America regions are expected to grow at a slower pace in the PET Felt Panels market, but still hold potential for growth due to the increasing construction activities in the regions.

Click here for more information: https://www.reportprime.com/pet-felt-panels-r229

Executive Summary
The global aluminium recycling market is expected to reach USD 122.70 billion by 2030, growing at a CAGR of 2.40% from 2023 to 2030. Rising demand for sustainable practices and increasing environmental concerns have led to a surge in aluminium recycling activities worldwide. The market is driven by factors such as growing demand for recycled aluminium from end-use industries such as construction, packaging, and automotive. Moreover, the growing trend of circular economy and government regulations for sustainable development are also driving the market. The Asia Pacific region dominates the market, followed by North America and Europe. The key players in the market include Novelis, Constellium, Hydro, Alcoa Corporation, and others.

Aluminium recycling has become an important industry due to its sustainable and environmentally-friendly nature. The market has various players, including Novelis, Norsk Hydro, Real Alloy, Sigma Group, Constellium, UACJ, Ye Chiu, Raffmetal, Matalco, Kobe Steel, Kaiser Aluminum, Delta Aluminium Industry, Zhejiang Wantai Aluminium, Assan Alüminyum, Hebei Sitong New Metal Material, Chongqing Shunbo Aluminum, and Huajin Aluminum.

These companies' role in the aluminium recycling market is huge; they are constantly pushing the boundaries of innovation and technology to increase recycling efficiency and production capacity. They are contributing to the sustainability initiatives of various industries globally.

In terms of revenue, Constellium generated approximately $4.9 billion in 2020, while Novelis reported $11.5 billion in the same year. Norsk Hydro reported revenue of $9.5 billion, and Kaiser Aluminum reported revenue of $1.1 billion. Ye Chiu, Raffmetal, and Matalco have not disclosed their revenue figures publicly.

Aluminium recycling is an important process that involves the recovery of various aluminium products for reuse. There are different types of aluminium recycling, including aluminium ingot recycling, aluminium flat rolled products recycling, and others. Aluminium ingot recycling usually involves the processing of aluminium scrap into ingots, which are then used as raw materials for the production of new aluminium products. Aluminium flat rolled products recycling, on the other hand, involves the recovery of aluminium from various flat-rolled products such as beverage cans, packaging foil, and other forms of industrial scrap.

Aluminium recycling finds its application in various sectors, including the transportation industry, packaging, construction, electronics, and others. In the transportation industry, recycled aluminium is used to manufacture car rims, engine blocks, and various other automotive parts. In packaging, recycled aluminium is used to produce cans, foils, trays, and other packaging materials. In construction, building facades, roofs, and window frames are made using recycled aluminium. In electronics, recycled aluminium finds its application in computer parts, mobile phones, and other electronic gadgets.

The aluminum recycling market is predicted to grow significantly in the North American and European regions, due to the presence of well-established recycling infrastructure and stringent environmental regulations. The Asia-Pacific region is expected to witness an increase in demand for recycled aluminum, primarily due to the rising overall consumption of aluminum and the growing popularity of sustainable practices. The USA and China are projected to be the largest markets for recycled aluminum due to their sizeable manufacturing industries that require aluminum for various applications. The continued shift towards sustainability and the increasing demand for recycled metal in various industries are expected to drive the growth of the aluminum recycling industry globally.

Click here for more information: https://www.reportprime.com/aluminium-recycling-r230

Executive Summary

The Radioactive Source market research reports study the market conditions of radioactive sources, which are used in various industries such as oil and gas, medical, and industrial. The reports provide insights on market segmentation, growth trends, opportunities, challenges, and regulatory framework. The global market size of radioactive sources is expected to reach $1.30 billion by 2030, growing at a CAGR of 4.00% from 2023 to 2030. The growing demand for radioactive sources in medical applications and the increasing adoption of non-destructive testing are major drivers of market growth. However, stringent regulatory frameworks and high costs of installation and maintenance are challenging market growth.

The global radioactive source market is highly competitive with the presence of several international and regional players. Some of the prominent companies operating in the market include NRG, Mayak, NTP Radioisotopes, ANSTO, Nordion, IRE, Curium Pharma, Eckert & Ziegler Strahlen, China Isotope & Radiation Corporation (CIRC), Polatom, and Board of Radiation and Isotope Technology.

These companies use radioactive sources in a wide range of applications such as medical diagnosis and treatment, industrial radiography, oil and gas exploration, and academic research. They also provide a variety of sources, including sealed sources, unsealed sources, and radiopharmaceuticals, to cater to the specific requirements of their customers.

Some of the key revenue figures of the above-listed companies are as follows:

- NTP Radioisotopes: $200 million (2018)

- Nordion: $285 million (2019)

- Eckert & Ziegler Strahlen: $213 million (2019)

- Polatom: $36 million (2017)

- BRIT: $5.4 million (2018)

Radioactive sources are used in various industrial and medical applications, including radiation therapy, radiography, nuclear medicine, and industrial radiography. There are different types of radioactive sources available, each with its own specific properties and uses. Mo-99 is commonly used in the medical field for diagnostic imaging procedures. Co-60 is used for cancer treatment and industrial radiography. Na-22 is used for radiation detection and nuclear medicine. Co-57 is used for medical imaging and industrial gauging. Sr-90 is used for cancer treatment and industrial radiography. I-131 is commonly used in nuclear medicine for thyroid treatment. Ir-192 is used for cancer treatment and industrial radiography. Se-75 is used for industrial radiography and gauging applications. Kr-85 is used for leak detection in petrochemical plants and medical diagnostic imaging. Am-241 is used for nuclear power generation and industrial radiography applications.

Radioactive sources find applications in various fields such as medical, industrial, agriculture, scientific research, and others. In the medical field, radioactive sources are used in radiation therapy to kill cancer cells. In the industrial sector, these sources are used as gauges to measure the density or level of materials like cement, coal, and plastics. In agriculture, they are used for radiography and sterilization of agricultural products. In scientific research, they are used for various experiments to understand the behavior of matter and materials. Radioactive sources are also used in smoke detectors and nuclear weapons.

The Asia-Pacific region is expected to dominate the Radioactive Source market during the forecast period. This dominance is attributed to increased growth in the healthcare sector, as well as expanding usage of nuclear power in countries such as China and India. The report also suggests the North America and Europe regions will continue to hold a significant share of the market, primarily due to the growth of research and development in nuclear medicine.

The market share percentage valuation of the Radioactive Source market in different regions is as follows:

- Asia-Pacific: expected to hold the largest share of the market, with an estimated valuation of US$324.83 million in 2025, which is a CAGR of 6.7% during the forecast period.

- North America: expected to hold the second-largest market share, with an estimated valuation of US$264.24 million in 2025, which is a CAGR of 3.5%.

- Europe: expected to hold the third-largest market share, with an estimated valuation of US$234.16 million in 2025, which is a CAGR of 3.1%.

- Latin America, the Middle East, and Africa: combined are expected to hold a smaller market share, with an estimated valuation of US$106.77 million in 2025, which is a CAGR of 5.6%.

Click here for more information: https://www.reportprime.com/radioactive-source-r231

Sagar Paul
Prime Reports
+1 951-407-0500
email us here
