Polyisobutylene Market is anticipated to reach US$4.128 billion by 2028 at a CAGR of 5.52%

The polyisobutylene market is anticipated to grow at a CAGR of 5.52% from US$2.833 billion in 2021 to US$4.128 billion by 2028.

NOIDA, UTTAR PARDESH, INDIA, November 22, 2023 /EINPresswire.com/ -- According to a new study published by Knowledge Sourcing Intelligence, the polyisobutylene market is projected to grow at a CAGR of 5.52% between 2021 and 2028 to reach US$4.128 billion by 2028.

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>
> *Knowledge Sourcing Intelligence*

The key driving force behind the rapid growth of the polyisobutylene market is the increasing demand for adhesives and sealants, the growing adoption of PIB in packaging applications and the increasing demand for electronic devices. The sophistication of electronic devices like computers, smartphones, and tablets demands a diverse range of materials for component connectivity. PIB stands as a favored option for these purposes, attributed to its superior electrical insulation, chemical resilience, and effectiveness as a gas barrier.

Polyisobutylene (PIB) refers to a synthetic polymer, rubber or elastomer known for its high resistance to heat, chemicals, and moisture and is a colorless, odorless, and tasteless solid. It's commonly used in various applications such as adhesives, sealants, and lubricants as a base material for products like inner tubes, electrical insulator, electric generator, and gums due to its flexible and impermeable properties.

The market is observing numerous product launches and advancements. For instance, in February 2021, BASF, the leading manufacturer of polyisobutylene (PIB), launched OPPANOL® C in the North American market. This distinctive PIB product, manufactured as one-inch chips, streamlines product development and manufacturing processes for customers by enabling simpler and faster processing, thereby reducing steps in production and shortening development timescales. Also, in February 2021, Kothari launched new a product PIB R – 01 in polyisobutylene family. The highly durable and adhesive Ultra-strong Tacky glue, developed leveraging extensive expertise in the Industrial Chemical field, serves multiple purposes in pest repellence, as well as adhesive and tackiness applications. This RTG demonstrates exceptional effectiveness, catching anything it touches due to its robust elongation properties that prevent breakage.

Access sample report or view details: https://www.knowledge-sourcing.com/report/polyisobutylene-market

The polyisobutylene market, based on molecular weight, is segmented into three main categories namely high, medium, and low. Low molecular weight PIB has a molecular weight below 100,000 g/mol is a pliable, adhesive substance utilized across multiple applications, such as in adhesives, sealants, and as an enhancer for rubber properties.

The polyisobutylene market, based on its product, is divided into two segments, which include HR-PIB and C-PIB. HR-PIB is a high molecular weight PIB with a molecular weight of greater than 100,000 g/mol, while C-PIB is a low molecular weight PIB with a molecular weight of less than 100,000 g/mol.

The polyisobutylene market, based on its application, is segmented into five main categories namely Automotive Components, Fuel Additives, Adhesives & Sealants, Lubricant Additives, and Others. Polyisobutylene (PIB) finds application in several automotive components such as tier inner liners, vibration dampeners, O-rings and rubber parts, and many others.

Asia Pacific is poised to experience substantial growth. The increasing demand for electronic devices and the growing automotive sector in nations like India and China is driving the growth of the polyisobutylene market in the region. For instance, according to the International Organization of Motor Vehicle Manufacturers, India experienced a significant surge in total vehicle production in 2022, reaching a remarkable figure of 54,56,857 units, representing a notable growth rate of 24% compared to the previous year, where vehicle production stood at 43,99,112 units in 2021, underscoring the country's rapidly growing automotive industry.

The research includes coverage of ENEOS Corporation, LABDHI CHEMICALS, Janex S.A, TER Chemicals, SABIC, TPC Group, Kothari Petrochemicals, DuPont, Braskem, KEMAT Polybutenes as the significant market players in the polyisobutylene market.

The market analytics report segments the polyisobutylene market using the following criteria:

- By Molecular Weight

o High
o Medium
o Low

- By Product

- HR-PIB
- C-PIB

- By Application

- Automotive Components
- Fuel Additives
- Adhesives & Sealants
- Lubricant Additives
- Others

- By Geography

- North America

- United States
- Canada
- Mexico

- South America

- Brazil
- Argentina
- Others

- Europe

- Germany
- France
- United Kingdom
- Spain
- Others

- Middle East and Africa (MEA)

- Saudi Arabia
- UAE
- Israel
- Others

- Asia Pacific

• China
• India
• South Korea
• Taiwan
• Indonesia
• Japan
• Others

Companies Profiled:

• ENEOS Corporation
• LABDHI CHEMICALS
• Janex S.A
• TER Chemicals
• SABIC
• TPC Group
• Kothari Petrochemicals
• DuPont
• Braskem
• KEMAT Polybutenes

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