

Polyisobutylene (CAS 9003-27-4) Market Research Report 2025

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Date: May 2025

Pages: 70

Price: US\$ 2,200.00 (Single User License)

ID: P32974545B6EN

Abstracts

Polyisobutylene (CAS 9003-27-4) Market Research Report 2025 presents comprehensive data on Polyisobutene markets globally and regionally (Europe, Asia, North America etc.)

The report includes Polyisobutene description, covers its application areas and related patterns. It overviews Polyisobutene market, names Polyisobutene producers and indicates its suppliers.

Besides, the report provides Polyisobutene prices in regional markets.

In addition to the above the report determines Polyisobutene consumers in the market.

BAC Reports offers its clients in-depth market research of chemical industry products on the global and regional markets (North & Latin America, Asia Pacific, European Union, Russia and CIS).

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capacities and production

consumption volume and structure

market price trends

exports and imports

existing technologies

feedstock market condition

market news digest

market forecast.

Polyisobutylene (CAS 9003-27-4) Market Research Report 2025 can feature:

market condition and estimations, market forecast

chemical product ranges, trademarks, analogous products, application areas

regional and global producers, consumers and traders (including contact details).

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*Please note that Polyisobutylene (CAS 9003-27-4) Market Research Report 2025 is a half ready publication and contents are subject to change. It only requires updating with the help of new data that are constantly retrieved from Publisher's databases and other sources. This updating process takes 5-7 business days after order is placed. Thus, our clients always obtain a revised and updated version of each report. Please also note that we do not charge for such an updating procedure. BAC Reports has information for more than 25,000 different chemicals available but it is impossible to have all reports updated immediately. That is why it takes 5-7 days to update a report after an order is received.

About

Product Name: Polyisobutene
Synonyms:
2-Methyl-1-propene homopolymer
Polyisobutylene

CAS#: 9003-27-4
Formula: C_4H_8
Molecular Weight: 56.11

Polyisobutylene (Propene, 2-methyl-, polymers; 1-Propene,-2-methyl-, homopolymer; 2-Methyl-1-propene, homopolymer; Polyisobutene; 2-Methylpropene polymer; HSDB 1260; Isobutene homopolymer; Isobutene polymer; Isobutylene) is a synthetic rubber, or elastomer that was first developed in early 1940s.

Polyisobutylene is a colorless to light yellow viscoelastic, odorless, tasteless material with the molecular formula C_4H_8 . The product may exhibit a slight characteristic odor. Polyisobutylene is insoluble in water, alcohol and other polar solvents. Structurally, polyisobutylene is similar to polyethylene and polypropylene. The product is produced by cationic vinyl polymerization from the monomer isobutylene. Polyisobutylene is flexible at ambient temperature and thermally stable. The product, being chemically inert, exhibits excellent resistance to oxidative and thermal degradation.

Polyisobutylene is a commercially significant polymer and has numerous applications. It is utilized in the production of pressure sensitive and hot melt adhesives as a permanent flexibilizer and tackifier. Polyisobutylene is used in the manufacturing of adhesives, agricultural chemicals, fiber optic compounds, caulks and sealants, cling film, electrical fluids, lubricants, paper and pulp, personal care products, pigment concentrates. Furthermore, it is utilized as a gasoline or diesel fuel additive, and even in chewing gum.

Irritation of eyes and skin, and of digestive and respiratory tracts is amid the most common potential health hazards of polyisobutylene.

Polyisobutylene market is covered in the study Polyisobutylene (CAS 9003-27-4) Market Research Report 2025. The report encompasses proper description of the

product, unveils application areas, and briefly summarizes patents in the sphere. It overlooks polyisobutylene market situation, names manufacturers, suppliers as well as users. The report also provides current polyisobutylene prices in the market.

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