

## **Europe Bisperoxide Di (Tert-butylperoxyisopropyl) Benzene Market Report and Forecast 2025-2034**

Market Report | 2025-07-21 | 131 pages | EMR Inc.

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### **Report description:**

The Europe bisperoxide di (tert-butylperoxyisopropyl) benzene market is expected to grow at a CAGR of 4.50% between 2025 and 2034. Major drivers of the market are continuous experimentations and increasing setup of chemical factories.

### Key Trends in the Market

Bisperoxide di (tert-butylperoxyisopropyl) benzene is the most stable organic liquid compound that consists of 2 tert-butyl groups bonded with peroxide group. The molecular formula of bisperoxide di (tert-butylperoxyisopropyl) benzene is C<sub>20</sub>H<sub>34</sub>O<sub>4</sub>. It is used as an oxidising agent, polymerisation catalyst for olefins, styrene, and others, and as an antibacterial agent.

VulCup R peroxide is used for the crosslinking of rubber products and elastomers such as wires, rubber seals, tires. It is a bisperoxide and provides scorch safety during the compounding process, leaving behind little odour. This is contributing to the growth of the Europe market for bisperoxide di (tert-butylperoxyisopropyl) benzene.

Polymerisation uses an organic peroxide initiator with tert-butyl hydroperoxide, 2-isopropyl benzene alcohol and a catalyst in a water bath, adding sulfuric acid, desalinated water, and alkali for its preparation. The vast applications of polymerisation is helping in the growth of the Europe bisperoxide di (tert-butylperoxyisopropyl) benzene market.

### Market Segmentation

Europe Bisperoxide Di (Tert-butylperoxyisopropyl) Benzene Market Report and Forecast 2025-2034 offers a detailed analysis of the market based on the following segments:

### Market Breakup by Application

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- Polymerisation Initiators
- Crosslinking Catalysts

#### Market Breakup by End Use

- Controlled Rheology Polypropylene
- Others

#### Market Breakup by Region

- Germany
- France
- Italy
- Netherlands
- Belgium
- Others

#### Market Share by End use

Bisperoxide di (tert-butylperoxyisopropyl) benzene is extensively used to control the rheological properties of the polypropylene facilitating its stability and processability. This helps produce controlled-rheology resins with narrow MWD, low molecular weight, reduced elasticity. Controlled rheology polypropylene, in turn, is used in the extension and improvement of polypropylene. This is helping in the growth of the Europe bisperoxide di (tert-butylperoxyisopropyl) benzene market.

#### Competitive Landscape

The comprehensive EMR report provides an in-depth assessment of the market based on the Porter's five forces model along with giving a SWOT analysis. The report gives a detailed analysis of the following key players in the Europe bisperoxide di (tert-butylperoxyisopropyl) benzene market, covering their competitive landscape and latest developments like mergers, acquisitions, investments, and expansion plans.

#### Arkema

Arkema, founded in 2004, has its headquarter in Colombes, France. It is a company known for manufacturing of specialty chemicals and advanced materials such as nylon and nylon derivatives and other materials with an aim to contribute to climate and sustainability goals.

#### Nouryon (AkzoNobel Specialty Chemicals)

Nouryon (AkzoNobel Specialty Chemicals) was founded in 2018 and has its headquarter in Amsterdam in the Netherlands. It manufactures daily use products including raw materials for personal care products, food, road construction, pharmaceuticals, and chemical building.

#### United Initiators

United Initiators has its headquarter in Germany and was established in 1962. It has its branches spread in different region

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including China, India, Europe, North America, Australia, and Canada. It is a leading producer of organic peroxides and persulfates globally.

Other market players include MPI Chemie BV and Pergan, among others.

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