# Perovion®

Product Name : Perovion® BIBP S14-40

CAS number: 2212-81-9, 25155-25-3

Chemical Type : 1,3-Bis(tert-butylperoxyisopropyl)benzene

Business Unit : Organic Peroxides

## 1. Product Description

Perovion® BIBP S14-40 is a bifunctional aromatic organic peroxide supplied as granules on an inert carrier system. It is designed for polymer crosslinking applications requiring controlled radical generation at elevated temperatures, offering balanced scorch safety and stable processing behavior.

## 2. Typical Applications

Perovion® BIBP S14-40 is typically used for the crosslinking of natural rubber, synthetic rubbers, and polyolefins. It is suitable for rubber compounding processes where good scorch safety and controlled crosslinking behavior are required. Actual suitability and performance depend on polymer type, formulation design, and processing conditions applied by the user.

## 3. Key Characteristics (Typical)

| Property | Unit | Typical Value | Test Method |
|---|---|---|---|
| Physical form | – | Solid | Visual |
| Appearance | – | Off-white granules | Visual |
| Peroxide concentration | % | ~39–41 | Internal Method |
| Active oxygen content | % | ~9.4 | Internal Method |
| Molecular weight | – | ~338 | Internal Method |

**Note:** Typical values are indicative only and do not constitute a specification.

## 4. Recommended Use


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Perovion® BIBP S14-40 is intended for use as a crosslinking initiator in rubber and polyolefin processing. Dosage level, processing temperature, and curing profile should be determined and validated by the user based on specific compound formulations and equipment requirements. Standard organic peroxide handling procedures must be followed. Detailed guidance on safe handling and storage is provided in the Safety Data Sheet (SDS).

## 5. Packaging & Logistics

Perovion® BIBP S14-40 is supplied in standard industrial packaging formats, subject to confirmation at the quotation stage. Minimum order quantities depend on packaging configuration and destination requirements. The product is offered under standard Incoterms such as FOB, CFR, or CIF, as specified in the quotation. Indicative lead times are provided at quotation and confirmed upon order acceptance.

## 6. Quality & Documentation

Each batch of Perovion® BIBP S14-40 is released under Innovexar Quality Assurance standards and is accompanied by a batch-specific Certificate of Analysis (COA). Safety Data Sheets and relevant transport documentation are provided in accordance with destination regulatory requirements. Full batch traceability is maintained through digitized QA documentation systems.

## 7. Handling & Storage

Perovion® BIBP S14-40 should be stored in its original, tightly closed containers, away from heat sources and direct sunlight. Storage temperatures should be maintained within recommended limits to preserve product integrity. Contamination must be avoided, and peroxide-specific safety procedures should be strictly observed during handling and storage. Refer to the SDS for detailed safety instructions.


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