**SALES SPECIFICATION**

**Di-Tertiary Butyl Peroxide**

Product Information

Chemical name: Di-tert-butyl Peroxide CAS N°: Click or tap here to enter text.

Product name: Di-Tertiary Butyl Peroxide HS code: Click or tap here to enter text.

General description

Di-tert-butyl Peroxide (DTBP) is a high-temperature organic peroxide initiator commonly used in polymer modification, polyolefin crosslinking, and as a free radical generator in chemical synthesis. It offers excellent thermal stability and controlled decomposition characteristics, making it ideal for various industrial polymer applications.

Properties

|  |  |
| --- | --- |
| **Property** | **Value** |
| Name | Di-Tertiary Butyl Peroxide |
| Appearance | Clear Liquid |
| Assay by Weight | ≥ 98% |
| Molecular Weight | 146.2 g/mol |
| Active Oxygen | ~10.7% |
| Density (20°C) | 0.80 g/cm³ |
| Viscosity (25°C) | 0.9 mPas |

Storage and handling:

* Store in a cool, dry, and well-ventilated location
* Recommended storage temperature: <30°C
* Keep away from sources of heat, flame, and contaminants
* Handle with appropriate PPE and tools designed for peroxide use
* Product is classified as Class 5.2 Organic Peroxide – handle with care