

SALES SPECIFICATION

DI-TERTIARY AMYL PEROXIDE

Product Information

Chemical name: Di-Tertiary Amyl Peroxide
here to enter text.

CAS N°: Click or tap

Product name: Di-tert-amyl Peroxide
here to enter text.

HS code: Click or tap

General description

Di-Tertiary Amyl Peroxide is an organic peroxide used as a free radical initiator in the polymerization of monomers such as ethylene, propylene, and styrene, as well as in the crosslinking of polyethylene and other thermoplastics. It provides effective performance at elevated processing temperatures and ensures uniform polymer structure.

Properties

Property	Value
Name	Di-Tertiary Amyl Peroxide
Appearance	Yellowish Liquid
Assay by Weight	≥ 96%
Molecular Weight	174.2 g/mol
Active Oxygen Content	8.82% w/w
Density	0.83 g/cm ³
De-sensitizing Agent	None

Storage and handling:

- Store at cool temperatures (<30°C) in a well-ventilated, dry area
- Avoid exposure to direct sunlight, heat, or contamination
- Keep away from reducing agents, acids, bases, and metal ions
- Always use PPE: safety goggles, gloves, and flame-resistant clothing
- Classified as Class 5.2 Organic Peroxide — observe all safety precautions