

SALES SPECIFICATION

Tert-Butyl Cumyl Peroxide

Product Information

Chemical name: t-Butyl cumyl peroxide
here to enter text.

CAS N°: Click or tap

Product name: Tert-Butyl Cumyl Peroxide
here to enter text.

HS code: Click or tap

General description

Tert-Butyl Cumyl Peroxide (TBCP) is an organic peroxide initiator widely used in the crosslinking of polyethylene, rubber compounds, and in the modification of polyolefins. Its high thermal stability and controlled decomposition make it suitable for high-temperature processes in plastics and elastomers.

Properties

Property	Value
Name	Tert-Butyl Cumyl Peroxide
Appearance	Clear Liquid
Assay by Weight	94.0% – 97.0%
Molecular Weight	208.3 g/mol
Active Oxygen	7.68%
Oxygen Content	7.68%

Storage and handling:

- Store in a cool, dry, and well-ventilated area below 30°C
- Protect from heat, sunlight, shock, and contamination
- Use non-sparking tools and appropriate PPE (gloves, goggles, flame-resistant clothing)
- Classified as Organic Peroxide Type D, Liquid (UN 3103)