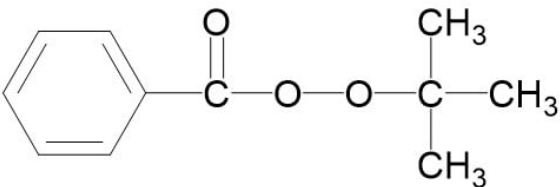


TBPB

Chemical name	Tert-Butyl Peroxybenzoate	
	Molecular formula	C ₁₁ H ₁₄ O ₃
	Molecular weight	194.23
	CAS NO.	614-45-9
	UN NO.	3103
	CN NO.	52076
	EINECS.	210-382-2

1. Brief Introduction:

TBPB is an efficient initiator for the ethylene polymerization under high pressure in both autoclave and tubular processes, also suitable for crosslinking of EPDM rubber compounds at ambient temperature within some weeks.

2. Specification:

Appearance	clear liquid
Assay	98% min.
Color	≤ 100 Pt-Co
tert-Butyl hydroperoxide	≤ 1000mg/kg
Inorganic + organic hydrolyzable chloride	≤ 50 mg/kg

3. Half Life Data

- 10hr. Half Life Temp.....104°C
- 1 hr. Half Life Temp.....125°C
- 1 min. Half Life Temp.....171°C

4. Safety Data

- SADT.....60°C

5. Package and Storage

20kg, 25kg PE drum packing

Store at 10 ~ 30°C in a cool and ventilated place. For customers with high chroma requirements, it should be stored at 10 ~ 15°C

6. Application:

TBPB can be used for the market segments: polymer production, polymer crosslinking, thermoset composites and acrylics production with their different applications/functions.