



Hsin Sou Chemical Co., Ltd.

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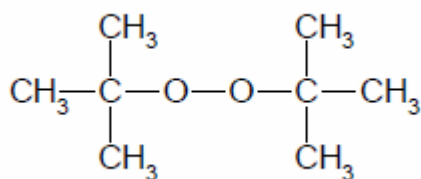
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Hsin Sou DTBP

PRODUCT DATA SHEET

Di-tert-butyl peroxide

1. Structure:



2. Specification:

Appearance	Clear liquid
Assay	99.0 Min
Hydroperoxides TBHP	0.1%max
Active oxygen	10.83%min
Density, 20°C	0.80g/cm³
Freezing point	6°C

3. Application & Characteristics:

- ☆DTBP is used for the crosslinking of thermoplastic polyolefins
- ☆Rubber compounds containing DTBP have excellent scorch safety, under certain conditions one step mixing is possible.
- ☆Safe processing temperature :145°C (rheometer ts₂ > 20minutes)
- ☆Typical crosslinking temperature:180°C (rheometer t₉₀ about 12 minutes)

4.Notice:

- ☆Keep containers tightly closed. Store and handle *DTBP* in a dry well-ventilated place away from sources of heat or ignition and direct sunlight. Never weigh out in the storage room.
- ☆Avoid contact with reducing agents (e.g. amines), acids, alkalis and heavy metal c accelerators, driers and metal soaps)

5.Storage

For *DTBP* $T_s \text{ max.} = 40^{\circ}\text{C}$

- ☆When stored under these recommended storage conditions, *DTBP* will remain within above specifications for a period of at least six months after delivery.
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6.Packaging and transport

- ☆The standard packaging is a 30-liter HDPE can for 25kg peroxide and 200-liter HDPE drums of 180kg net weight