



Wuxi High Mountain Hi-tech Development Co.,Ltd

Technical Data Sheet

Version: 2.0

Oct. 10, 2023

Di-tert-butyl Peroxide #HMHT0078

| HS Code | CAS No. | Formula | Molecule Weight | Shelf Life |
|-------------|----------|---|-----------------|------------|
| 29096090.00 | 110-05-4 | C ₈ H ₁₈ O ₂ | 146.23 g/mol | 6 months |

Standard: Q/332500QF003-2022

| Items | Unit | Specifications |
|---|-------|---------------------|
| Appearance | | Yellowish Liquid |
| Purity | % | 98min. |
| Tert-butyl Peroxide | % | 1max. |
| TBHP | % | 0.1max. |
| TBA | % | 0.1max. |
| Moisture | % | 0.2max. |
| Active Oxygen Content | % | 10.78min. |
| Freezing Point | °C | -40 (Decomposition) |
| Flashing Point | °C | 18 |
| Initial Boiling Point | °C | 111 |
| Relative Density | | 0.796 |
| Color Number (Platinum-Cobalt Color Number) | Hazen | 30max. |

Packing:

In 30L White drum, 12.8mt in 1X20'FCL with pallets

Application:

It Can be mixed with organic solvents such as benzene and petroleum ether, Insoluble in water, Highly oxidizing, Widely used as a crosslinker for unsaturated polyester and silicone rubber, Initiator of monomer polymerization, Polypropylene modifier, Rubber vulcanizing agent, etc.

Handling and storage conditions:

Avoid contact with skin and eyes. Keep containers in a dry, cool and well-ventilated place. Store away from incompatible materials and foodstuff containers.

Transportation information:

UN 3107 5.2 / PG II