

Antioxidant BHT Industrial grade

Chemical name Butylated Hydroxy Toluene/ 2,6-di-tert-butyl-p-cresol

■ **Molecular formula** $C_{15}H_{24}O$

■ **Molecular weight** 220.36

■ **CAS** 128-37-0



■ Features and Uses

This product is widely used in industrial and engineering plastic products, PU slurry, polyether, high-grade paints and coatings, anti-corrosion materials, is lubricating oil, secondary processing gasoline, paraffin, mineral oil, polypropylene, polyethylene, polystyrene, ABS resin, polyester, cellulose resin, foam antioxidant stabilizer.

It is non-polluting antioxidant stabilizer for natural rubber, butadiene rubber, styrene butadiene rubber, neoprene, nitrile rubber, butyl rubber, isoprene rubber, ethylene propylene rubber, transformer oil, all kinds of latex products (especially white or light rubber products, latex products).

The mechanism of T501 is slightly less than food-grade BHT, the amount of addition should be higher than BHT.

■ Storage and packaging

This product is lined with plastic film bag inside, plus a white multi-layer kraft paper plastic composite bag. The net weight for per bag is 25 kilograms.

It should be stored in the special interior storehouse which is dry and avoiding light, and must lay the mat to protect from wet.

When transporting and loading, must avoid rain and sunshine beat; ensure the dry and the package bags, will not be damaged and polluted by other products.

The product can't be mixed with poisonous and injurious products while storing and transporting.

The product storage period is 12 months since the date of production.

Products indicators

Inspection Item	Index
Appearance	White crystal or crystalline powder
Melting point (Initial) / °C	≥ 69.0
Moisture, w/%	≤ 0.05
Ash, w/%	≤ 0.01
Free phenol (p-cresol), w/%	≤ 0.015