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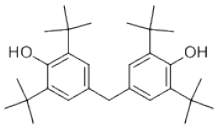
# ANTIOXIDANT 702 / ETHANOX 702

**Chemical name:** Tetrakis [methylene-3-(3,5-di-tert-butyl-4-hydroxyphenyl-propionate)] methan

| | |
|---|---|
| Formula | $C_{29}H_{44}O_2$ |
| Molecular Weight | 424.66 |
| CAS# | 118-82-1 |
| Abbreviation | TBMD |




**Specification:**

| | | |
|---|---|---|
| Appearance | | White crystallized powder |
| Ash | | Max.0.10% |
| Melting point | | 155-159℃ |
| Volatilizing | | Max.0.3% |
| Solubility （20℃） | Water | < 0.1 |
| | MeoH | 1-10 |
| | EtoH | 1-10 |
| | Acetone | U |
| | Ch2Cl2 | U |
| | Hexane | 1-10 |
| Assay,effective components | | Min.98.0% |

**Application:** >Antioxidant 702 has low volatile.And due to its good resisting thermal oxidation stability , so being used for synthetic resin antioxidants.

>At the same time, it’s also a kind of excellent oil antioxidant,It can be widely used in polyolefin plastics, resins, adhesives, petroleum oil

**Handing and safety:**

>Products of degradation may produce persistent bioaccumulative toxins. 96H (LC50):∽1000 mg/L [Fathead minnow], 48 hour (LC50):∽1000 mg/L [Daphnia Magna]. Acute oral toxicity (LD50): >24000 mg/kg [Rat]; acute

dermal toxicity (LD50): >2000 mg/kg [Rat].

>For additional handing and toxicological information, please consult us for Maternal Safety Date Sheet

**Package:** Packed with plastic bag in composite plastic woven sack , Net 25kg/bag, or according to customers' requirements.