



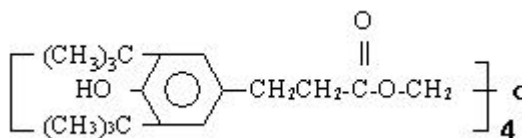
RTENZA
 睿特兹

河南睿特兹贸易有限公司

HENAN RTENZA TRADING CO.,LTD

Antioxidant -1010

- **Chemical Name:** Pentaerythrityle Tetra- β -(3,5-di-*tert*-butyl-4-hydroxyphenyl)-propionate]
- **Molecular Weight:** M=1177.65
- **Molecular Formula:** C₇₃H₁₀₈O₁₂
- **CAS NO.:** 6683-19-8
- **Chemical Structure Formula:**



- **Typical Physical Properties: HG/T 3713-2003**

Item		Standard
Appearance		White Powder
Melting Range (°C)		110~125
Volatile (%)		≤ 0.5
Solubility (2g/20ml, Toluene)		Limpidity
Light Transmittance	425nm, %	≥ 96
	500nm, %	≥ 98
Ash Content (%)		≤ 0.1
Effect Component (%)		≥ 98
Purity (%)		≥ 94

- **Features:** The product is white crystalline powder, soluble in such organic solvents as benzene, toluene, chloroform and so on, slight soluble in alcohol, but insoluble in water. No transport or no frost spray when added to the products because of its volatility. Little toxicity and its half lethal dose (for a white mouse is only LD50≥15000mg/kg). Many countries, such as U.S.A., have approved it used as packing material for food.
- **Applications:** The product is the typical representative of hindered phenol antioxidants, non-poisonous, nondiscolouring as well as nonstaining and is an excellent top-quality approved in international. It is widely used in a variety of polymer materials, such as polypropylene, polyethylene, polyester, polyurethane, polystyrene, polyoxymethylene, PBT, ABS, polyamide, synthetic rubber and so on. It is also a high grade antioxidant for natural and synthetic oil.
- **Storage:** Stable in property. No special requirement but keep ventilation and away from water and high temperature.
- **Packing:** Net weight 25kg bags. It can also be designed according to customers' requirements.
- **Recommended Dosage:** 0.1-0.3%