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# Technical Data Sheet

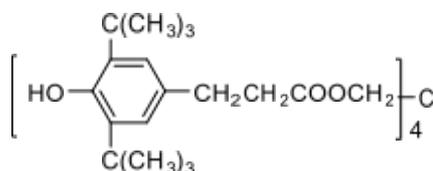
## Additive Antioxidant 1010 (AO 1010)

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**Chemical Name:** Pentaerythritoltetrakis(3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate)

**CAS NO.:** 6683-19-8

**Structure:**



### Features

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Additive Antioxidant 1010 (AO1010) is a kind of macromolecular antioxidant. It has good resistance to migration and extraction. It provides the final product with long term thermal stability and long term protection of the physical properties during storage and use.

### Applications

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The product is especially suitable for polyolefin, engineering plastics, elastomers, adhesives, rubber and petroleum products. It can efficiently extend the product service life. It is often used with phosphite ester antioxidant and light stabilizer.

### Typical properties

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<b>Appearance</b>	White powder
<b>Content</b>	≥94%
<b>Effective component</b>	≥98%
<b>Light transmittance</b>	≥96% (425nm)      ≥98% (500nm)
<b>Melting point</b>	110-125°C
<b>Volatiles</b>	≤0.5%
<b>Ash</b>	≤0.1%

### Package & Storage

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**Package:** 25kg carton inner with plastic bag or as customer's requirement.

**Storage:** Keep container tightly closed in a dry and well-ventilated place.

### Safety

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The use of proper protective equipment is recommended. Excess exposure to the product should be avoided. Wash thoroughly after handling.  
All safety information is provided in the Safety Data Sheet.