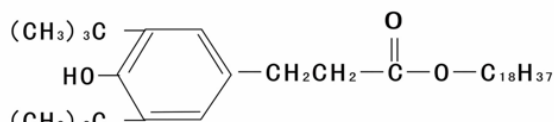


## ANTIOXIDANT YFK-1076

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

**Molecular weight:** 531      **Molecular formula:** C<sub>35</sub>H<sub>62</sub>O<sub>3</sub>

**Structure:**



**Specification:**

Items	Unit	Requirements
Appearance	/	White powder or granular
Melting Range	°C	50~55
Solubility (2g/20ml, Toluene)	/	Clear solution
Transmittance	425nm	≥97
	500nm	≥98
Volatilizing	%	≤0.5
Acid value	%	≤0.1
Assay	%	≥99

**Properties:** The product takes on an appearance of white powder, without odor and smell. It is Soluble in benzene, acetone, hexane etc., sparingly soluble in methanol, insoluble in water. NO pollution.

**Features/Benefits:** YFK-1076 can be used in combination with other additives such as costabilizers (e.g. thioesters, phosphites), light stabilizers, and other functional stabilizers. The effectiveness of the blends of YFK-1076 with YFK-168 is particularly noteworthy.

**Applications:** YFK-1076 can be applied in polyolefins such as polyethylene, polypropylene, polybutene, as well as in other polymer such as engineering, plastics, styrene, homo- and copolymers, polyurethanes, elastom, adhesivrs, and other organic substrates. The amount to be used may be 0.05%-0.5%

**Package and storage:** Net 20kg/bag or carton, or 500kg jumbo bag, or customized package. Store in a coolared designed for the storage of chemicals

**Period of Validity:** Normally 24 months.