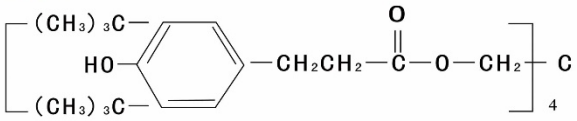
FENGGUANG
风光

ANTIOXIDANT YFK-1010

Chemical Name: Pentaerythritol-tetra-[β-（3.5-di-tert-butyl-4-hydroxyphenyl）propionate]
Molecular Weight: 1178 Molecular Formula: $C_{73}H_{108}O_{12}$

Structure:



Specification:

Items		Unit	Requirements
Appearance		/	White crystalline powder
Melting Range		℃	110-125
Volatilizing		%	≤0.5
Ash		%	≤0.1
Transmittance	425nm	%	≥96
	500nm	%	≥98
Solubility（2g/20ml, Toluene）		/	clear solution
Assay		%	≥94
Assay, effective components		%	≥98

Properties: This product takes on an appearance of white powder, without odor and smell. It is soluble in such solvents as benzene, acetone and chloroform, sparingly soluble in ethanol, insoluble in water.

Features/Benefits: YFK-1010 has good compatibility, high resistance to extraction and low volatility. It is odorless and tasteless.

The product can be used in combination with other additives such as costabilizers (e.g. Thioe thers, phosphites), light stabilizers and other functional stabilizers. The effectiveness of the blends of YFK-1010 With YFK-168 is particularly noteworthy.

Applications: The product can be applied in polyolefins, such as polyethylene, polypropylene, polybutene and olefin copolymer such as ethylene-vinylacetate copolymers. Also, its use is recommended in other polymers such as polyacetals, polyamides and polyurethanes, polyesters, PVC, styrene homo- and copolymers, ABS, elastomers such as butyl rubber, SBS, SEBS, EPM and EPDM as well as other synthetic rubber, adhesives, natural and synthetic tackifier resins, and other organic substrates.

The amount to be used may be 0.1%-0.3%

Package and Storage: Net 25kg/bag or carton, or 500kg jumbo bag, or customized package. Store in a cool area designed for the storage of chemicals.

Period of Validity: Normally 24 months.

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