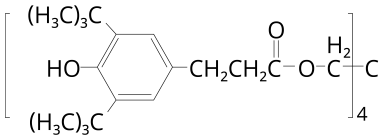
YFK-1010

Chemical Structure

Chemical Name	Pentaerythritol Tetrakys 3-(3,5-Ditert-Butyl-4-Hydroxyphenyl)Propionate
Chemical Formula	$C_{73}H_{108}O_{12}$
Cas No.	6683-19-8
Molecular Weight	1178



Specifications

Appearance	White powder or particle
Melting Range (°C)	110 ~ 125
Volatile Loss %	<= 0.50
Ash Content %	<= 0.10
Transmittance %, 425nm	>= 96.0
Transmittance %, 500nm	>= 98.0
Solubility	Clear
Main Content %	>= 94.0
Active Ingredient Content %	>= 98.0
Tin Content %	<= $2x10^{-4}$

Usage Notes

Properties	It is soluble in organic solvents like benzene, acetone, and chloroform, slightly soluble in hexanol, and insoluble in water.

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Applications	Applications include polyolefins such as polyethylene, polypropylene, and polybutene, as well as olefin copolymers like ethylene-vinyl acetate copolymer. It is also recommended for use in polyacetal resins, polyamides, polyesters, polyvinyl chloride (PVC), polystyrene-based homopolymers and copolymers, and ABS. Additionally, it can be used in elastomers like butyl rubber, SBS, SEBS, EPM, EPDM, as well as other synthetic rubbers, adhesives (both natural and synthetic resins), and other organic materials.
Storage	This product is stable under normal conditions and does not have any special storage requirements. However, it should be protected from moisture and heat.
Recommended Dosage	The typical dosage range is 0.04% to 0.30%.
Packaging	The product is packaged in PE bags. The net weight per bag is 20kg or 25kg. The pallet is wrapped, with a net weight of 500 kg or 625 kg.