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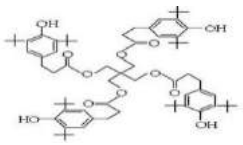
ANTIOXIDANT 1010 / IRGANOX 1010

Chemical name:

Tetrakis [methylene-3-(3,5-di-tert-butyl-4-hydroxyphenyl-propionate)] methane

Formula	$C_{73}H_{108}O_{12}$
Molecular Weight	1177.6
CAS#	6683-19-8



Specification:

Appearance		White or grains powder
Ash		Max.0.10%
Melting point		110.0-125.0℃
Volatilizing		Max.0.50%
Flash point		297℃
Solubility （20℃）	Acetone	47
	Chloroform	71
	Ethanol	1.5
	Ethylacetate	47
	n-Hexane	0.3
	Methanol	0.9
	Methylene chloride	63
Assay, effective components		Min.98.0%

Application: >high molecular weight hindered phenolic antioxidant, very low volatility, food contact.

>Used as an antioxidant and thermostabilizer for polypropylene, polyethylene, impact resistant polystyrene, poly-4-methyl- pentene.

>Can be used as a stabilizer for natural and synthetic rubber, polyvinyl chloride, and copolymers of acrylonitrile with butadiene and styrene, polyacetals, alkyde resins, polyamides, and polyesters.

>Antioxidant 1010 concentration ranges between 0.1%~0.5% ppm. Extensive performance data of Antioxidant1010 in various organic polymers and applications are available upon request.

>The effectiveness of the blends of Antioxidant1010 with Antioxidant 168 (see antioxidant B215 or B225 page) or with Antioxidant 168 and Antioxidant FS042(cas 143925-92-2) is particularly noteworthy.

Handing and Safety:

>FDA approved for use in indirect food contact applications.

>For additional handing and toxicological information, please consult us for **Maternal Safety Date Sheet**

Package: Packed with plastic bag in composite plastic woven sack, Net 25kg/bag, 1000kg/pallet, 10pallet/20'FCL,or according to customers' requirements.