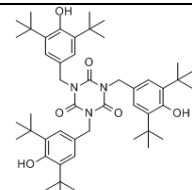




ANTIOXIDANT 3114 / IRGANOX 3114

Chemical name: 1,3,5-Tris(3,5-di-tert-butyl-4-hydroxy benzyl)-s-triazine-2,4,6-(1H,3H,5H)trione

Formula	C ₄₈ H ₆₉ N ₃ O ₆	
Molecular Weight	784	
CAS#	27676-62-6	

Specification:

Appearance	White crystallized powder
Ash	Max.0.05%
Melting point	218-223°C
Volatilizing	Max.0.3%
Water	< 0.1
MeoH	0.5
EtoH	1.5
Solubility (20°C)	Acetone 29
Ch2Cl2	U
Hexane	0.6

Application >High molecular weight hindered phenolic antioxidant with photo and thermo-stability.

Provides low volatility and resistance to extraction from polymer compounds.

>Suitable for PP, PE, polystyrene, ABS, PVC, nylon, and polyurethane. especially effective for polyolefin. Also used as a radical scavenger providing stabilization for polyolefins.

>When used with UV absorbent and phosphite ester, a synergistic effect can be reached, thus enhancing the thermo-stability and light stability.

Handling and safety:

>Ecotoxicology data indicates that there is low concern for acute toxicity to fish, aquatic plants, and aquatic invertebrates. The data indicate that the material is not

The information and statement herein are believed to be reliable but are not to be construed as a warranty or representation for which we assume legal responsibility. Users should undertake sufficient verification and testing to determine the suitability for their own particular purpose of any information or products referred to herein. No warranty of fitness for a particular purpose is made.



readily biodegradable; however, due to the low water solubility, environmental exposures are expected to be low. There is a low potential for bioaccumulation.

>FDA approved for use in various polymers and adhesives intended for food contact applications as defined in 21CFR178.2010 and 175.105.

>For additional handling and toxicological information, please consult us for Maternal Safety Data Sheet

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