

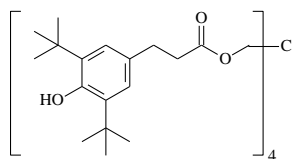
**Product Name**

**RIANOX 1010 Phenolic Antioxidant**

A high molecular weight hindered phenolic antioxidant that provides very low volatility and excellent resistance to extraction from polymer compounds.

**Tetrakis(methylene (3, 5-di-*t*-butyl-4-hydroxyhydrocinnamate) methane)**

**CAS No.: [6683-19-8]**



		<i>Typical Properties</i>			
Appearance		White to off-white powder			
Bulk Density, kg/l		0.55			
Molecular Weight		1178			
Specific Gravity @ 20°C, g/mL		1.15			
Melting Range, °C		110-125			
Flash point, °C		299			
		<i>Solubility@20°C (g/100g solvent)</i>			
Acetone	47	Chloroform	71	Ethanol	1.5
Ethyl acetate	47	n-Hexane	0.3	Methanol	0.9
Water	<0.01	Toluene	60	Methylene Chloride	63

**Specifications**

Appearance:	White to off-white powder
Melting Range:	110.0-125.0°C
Volatiles:	≤0.50%
Ash:	≤0.10%
Clarity of solution:	Clear
Transmittance:	
@425nm	≥97.0%
@500nm	≥98.0%
Assay(HPLC):	≥98.0%

**RIANOX 1010** can be applied in polyolefins, such as polyethylene, polypropylene, polybutene and olefin copolymers such as EVA copolymers. Also, its use is recommended in other polymers such as POM, PA, PUR, polyesters, PVC, styrene homo- and copolymers, ABS, elastomers such as IIR, SBS, SEBS, EPM and EPDM as well as other synthetic rubbers, adhesives, natural and synthetic tackifier resins, and other organic substrates.

**Handling & Safety**

The use of proper protective equipment is recommended. Excess exposure to the product should be avoided. Wash thoroughly after handling. Store the product in a cool, dry, well-ventilated area away from incompatible materials. Unless stated, proper storage will permit usage of the product for 24 months from the manufacture date. For additional handling and toxicological information, consult the Rianlon Corporation Safety Data Sheet.