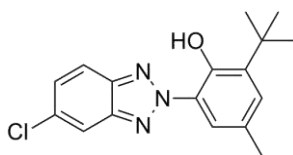


Product Name
RIASORB UV-326 Light Stabilizer

A light stabilizer belonging to the benzotriazole class of UVAs.

2-(2'-Hydroxy-3'-*t*-butyl-5'-methylphenyl)-5-chlorobenzotriazole

CAS No.: [3896-11-5]


Typical Properties

Molecular Weight	316
Appearance	Pale yellow powder
Specific Gravity @20°C, g/cm ³	1.32
Melting Range, °C	137-142
Flash Point, °C	232

Solubility@20°C (g/100g solvent)

Acetone	1	Methylene	-	N-Hexane	1
Toluene	-	Ethyl acetate	2	Methanol	0.1
Methylene chloride	9	Chloroform	11		

Specifications

Appearance:	Slightly yellow powder
Melting Range:	137.0-142.0°C
Volatiles:	≤0.50%
Clarity of solution:	Clear
Transmittance:	
@460nm	≥95.0%
@500nm	≥97.0%
Assay(HPLC):	≥99.0%
Ash:	≤0.10%

RIASORB UV-326 is especially suited for polyolefins and cold cured polyesters. **RIASORB UV-326** has a wide range of indirect food approvals in polyolefins. It has a low volatility at high temperatures and high resistance to thermal degradation and can therefore be used without significant loss or decomposition in the polyolefin compounding and molding processes. In the use for the UV protection of polyester resins, **RIASORB UV-326** does not form colored complexes with the metallic salts used for the curing process of these resins.

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.