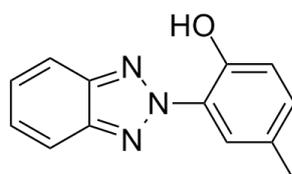


**Product Name** **RIASORB UV-P Light Stabilizer**

A light stabilizer belonging to the benzotriazole class of UVAs.

**2-(2'-Hydroxy-5'-methylphenyl)-5-benzotriazole**

CAS No.: [2440-22-4]



Typical Properties	
Molecular Weight	225
Appearance	Slightly yellow powder
Specific Gravity @20°C, g/cm <sup>3</sup>	1.38
Melting Range, °C	128-132
Flash Point, °C	205
Solubility@20 °C (g/100g solvent)	
Water	<0.01
Acetone	3
Benzene	7
Chloroform	13
Cyclohexane	1
Ethyl acetate	3.5
n-Hexane	0.8
Methanol	0.2

**Specifications**

Appearance:	Slightly yellow powder or crystal
Melting Range:	128.0-132.0°C
Volatiles:	≤0.50%
Clarity of solution:	Clear
Transmittance:	
@440nm	≥97.0%
@500nm	≥98.0%
Assay(HPLC):	≥99.0%
Ash:	≤0.10%

**RIASORB UV-P** provides ultraviolet protection in a wide variety of polymers including styrene homo- and copolymers, engineering plastics such as polyesters and acrylic resins, PVC, and other halogen containing polymers and copolymers (e.g. vinylidenes), acetals and cellulose esters. Elastomers, adhesives, polycarbonate blends, polyurethanes, and some cellulose esters and epoxy materials also benefit from the use of **RIASORB UV-P**. **RIASORB UV-P** features a strong absorption of ultraviolet radiation in the 300-400 nm regions. It also has a high degree of photo stability over long periods of light exposure. The high absorbance combined with photo stability and the ability to release absorbed energy in non-sensitizing ways make **RIASORB UV-P** an effective stabilizer against the effects of ultraviolet light.

**Handling & Safety**

Suitable personal protected equipments are recommended to prevent direct contact with the products, which might cause skin allergies. In case of accidental contact, rinse affected areas with plenty of water. 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 SDS