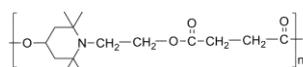


Product Name
RIASORB UV-622 *Hindered amine light stabilizer*

A polymeric hindered amine light stabilizer (HALS) of N-R type.

Butanedioic acid, dimethyl ester, polymer with 4-hydroxy-2, 2, 6, 6-tetramethyl-1-piperidine ethanol

CAS No.: [65447-77-0]


Typical Properties

Molecular Weight	3100-4000
Appearance	White to slightly yellow crystal powder
Flash Point, °C	>250°C

Solubility@20°C (g/100g solvent)

Chloroform	>40	Methanol	0.05
Toluene	15	Ethyl Acetate	3.0
n-Hexane	<0.01	Ethyl Alcohol	0.08
Dichloromethane	>40	Acetone	4.0

Specifications

Appearance:	White to slightly yellow crystal powder
Melting point:	50.0-70.0°C
Volatiles:	≤0.50%
Transmittance:	
@425nm	≥97.0%
@500nm	≥98.0%
Ash:	≤0.10%

RIASORB UV-622 is a polymeric hindered amine light stabilizer (HALS) of N-R type that protects polymers from degradation due to ultraviolet radiation and long term heat aging. **RIASORB UV-622** exhibits good compatibility in a wide range of polymers, very low volatility, low migration when using in cleaner surfaces, and excellent thermal stability at normal processing temperatures. **RIASORB UV-622** has a low melting range that makes it effective for use in PP, PE, styrenics, unsaturated polyester, acrylic, PVC, plastisols, elastomers, adhesives, sealants and spin finishes. **RIASORB UV-622** is an excellent stabilizer for systems containing high loadings of carbon black, and can be used in combination with phenolic & phosphite antioxidants, lower molecular weight HALS, and UVA's to optimize performance in outdoor use. Use with sulfur-containing additives such DSTP or DLTP can have a negative influence on the effectiveness of **RIASORB UV-622**.

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 information, consult the Rianlon Corporation SDS.