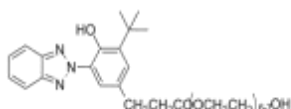


Product *RIASORB UV-1130 benzotriazole light stabilizer*

RIASORB UV-1130 is a liquid light stabilizer that is widely used to improve the weather resistance of various polymers.

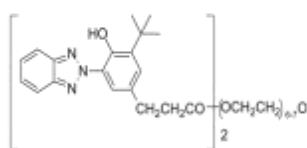
A liquid mixture: Component A 104810-48-2 (48-52%)
Component B 104810-47-1 (36-40%)
Component C 25322-68-3 (12%)



48-52%

physical property

Formula weight
A: 637 g/mol
B: 975 g/mol
C: 300 g/mol



36-40%

Surface
Yellow to light amber thick liquid

Density@20°C
1.150-1.190g/cm³

Dynamic viscosity@20°C
7200-7600mPa.s



12%

Solubility @20°C (g/100g)

glycol ether	> 50	naphtha 150#	> 50
butanol	> 50	xylene	> 50
butyl acetate	> 50	water	> 50
glycol	> 50	butanone	> 50
naphtha 100#	> 50		

Quality Index

Appearance: Yellow to light amber thick liquid

Effective content: ≥84.0%

Solubility: Clear and transparent

Light transmittance:
@460nm ≥95.0%
@500nm ≥97.0%

Safety & Protection

The photostabilization effect of UV-1130 is very obvious, and its liquid form is easy for processing and easy to the parent material. It often used in automotive coatings, industrial coatings and other coatings. According to the different requirements of matrix and application effect, the amount of UV-1130 is between 1.0% and 3.0%. UV-1130 has a synergistic effect with blocked amine light stabilizers. The compound formula can provide better protection for the coating, including protection from discoloration, loss of luster, cracking, bubbles, and detachment from the substrate. To achieve optimal results, sufficient polymer (e.g., addition of antioxidant and processing stabilizer) to prevent thermal degradation.

This product does not need special safety equipment, refer to the storage method of general industrial products. Appropriate protective measures are recommended to avoid direct contact with the product to cause skin allergy. If you accidentally contact with this product, you should use a lot of running water to rinse clean. Store products in cool, dry and ventilated place; away from fire and heat source; away from strong oxidant and reducing agent. Unless specified otherwise, the products are reasonably stored for 36 months from the date of manufacture. Other related operation and toxicity information are detailed in the SDS.