



Indroduction

UV 1164 is a high-performance UV absorber designed to protect materials and products from the harmful effects of UV radiation. It is a benzotriazole-based compound known for its excellent light stability and compatibility with various polymers and materials.

PRODUCT NAME & DETAILS

Choose our UV 1164 for reliable UV protection, improved product durability, and extended



lifespan.



Product Name	2,4-Bis(2,4-dimethylphenyl)-6-(2-hydroxy-4-octyloxyphenyl)-1,3,5-triazine (SUNLIT-1164)
CAS No	2725-22-6
Molecular Formula	C33H39N3O2
Molecular Wt.	509.68
Synonyms	UV absorber 1164, 2-[4,6-bis(2,4-dimethylphenyl)-1,3,5-triazin-2-yl]-5-octoxyphenol, UV 1164

FEATURES AND BENEFITS

It can provide materials with light aging resistance of basic protection, their low volatile, more Apply to thick products .

Effective UV Protection	UV 1164 efficiently absorbs and dissipates UV radiation, effectively preventing degradation and damage caused by exposure to sunlight. It provides long-lasting UV protection to maintain the integrity and appearance of materials.
Broad Compatibility	UV 1164 exhibits excellent compatibility with a wide range of polymers, including polyolens, polystyrenes, polyesters, polyurethanes, and engineering plastics such as polycarbonates and polyamides. It can be easily incorporated into various production processes, including extrusion, injection molding, blow molding, and film casting.

Enhanced Durability	By effectively scavenging and attenuating UV radiation, UV 1164 helps to maintain the mechanical, optical, and physical properties of materials over an extended period. It significantly reduces the risk of degradation, discoloration, and loss of mechanical strength.
Synergistic Effects	UV 1164 can be used in combination with other stabilizers or additives to create synergistic effects and provide enhanced protection against UV-induced degradation. It can be formulated with antioxidants, light stabilizers, or hindered amine light stabilizers (HALS) for comprehensive polymer protection.
Thermal Stability	This UV absorber demonstrates excellent thermal stability, ensuring its performance remains intact even under high-temperature processing conditions, such as in extrusion or molding operations.
Versatile Application	UV 1164 finds extensive applications in industries such as plastics, coatings, adhesives, fibers, and films where UV protection is vital. It is commonly used in outdoor plastic products, automotive parts, agricultural films, and coatings to prolong their lifespan and maintain their appearance.

APPLICATION

polyolefin, polyester and other engineering plastics.

Greenhouse films, Industrial films. Good alternative of all benzotriazole and benzophenone