



Indroduction

UV 1577 is a high-performance UV absorber that provides excellent protection against the harmful effects of UV radiation in various applications. It is a benzotriazole-based UV absorber characterized by its exceptional light stability and compatibility with a wide range of polymers and materials.

PRODUCT NAME & DETAILS



Choose our UV 1577 for exceptional UV protection, increased durability, and prolonged lifespan of your products.

Product Name	2-(2-Hydroxy-4-hexyloxyphenyl)-4,6-Bis(phenyl)-1,3,5-triazine (SUNLIT- 1577)
CAS No	147315-50-2
Molecular Formula	C ₂₇ H ₂₇ N ₃ O ₂
Molecular Wt.	425
Synonyms	UV absorber 1577, 2-(4,6-diphenyl-1,3,5-triazin-2-yl)-5-hexoxyphenol

FEATURES AND BENEFITS

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

UV Protection	UV 1577 efficiently absorbs and dissipates harmful UV radiation, safeguarding materials and products from degradation caused by exposure to sunlight.
Thermal Stability	This UV absorber exhibits excellent thermal stability, ensuring its performance is maintained even under high-temperature processing conditions.
Compatibility	UV 1577 is compatible with a wide range of polymers, including polyolens, polystyrenes, polyesters, and engineering plastics like polycarbonates and polyamides, allowing for versatile application in various industries.

Synergistic Effects	It can be used in combination with other stabilizers or antioxidants to enhance the overall performance and durability of the product.
Excellent Light Stability	UV 1577's exceptional light stability prevents or minimizes discoloration, degradation, and other detrimental effects caused by UV exposure, extending the lifespan and appearance of the treated materials.
Versatile Application	UV 1577 finds applications in diverse industries, such as plastics, coatings, adhesives, textiles, and films, where UV protection is crucial to maintain product quality and aesthetics.
Easy Incorporation	It can be easily incorporated into various production processes, including melt processing, coating, and compounding, ensuring convenient and efficient integration into manufacturing operations
Low Volatility	UV 1577 exhibits low volatility, enabling long-lasting protection and sustained UV absorption over time, leading to durable and reliable performance.

APPLICATION

polyester, polycarbonate, polyphenylene oxide and other engineering plastic and alloy.

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