

产品说明 Introduction

紫外线吸收剂 Absorbent UV-327

化学名称

Chemical Name:

2-(2'-羟基-3', 5'-二叔丁基苯基)-5-氯代苯并三唑

2,4-DI-TERT-BUTYL-6-((5-CHLOROBENZOTRIAZOL-2-YL) PHENOL

分子式 Molecular formula	C ₂₀ H ₂₄ N ₃ OCL	
分子量 Molecular Weight	358	
CAS号 CAS#	3864-99-1	

产品说明

Introduction

本品为通用型苯并三唑类紫外线吸收剂，对于塑料制品的光稳定效果显著。

This product is an ultraviolet light absorbent of the hydroxyphenyl benzotriazole class, which imparts outstanding light stability to plastics and other organic substrates.

物理性质

Physical Properties

外观 Appearance	黄色粉末 Yellowish Powder	含量 Assay	≥99%
熔点 Melting Range	≥154℃	灰份 Ash	≤0.1%
透光率 Light Transmittance	460nm≥92% 500nm≥95%	挥发份 Volatiles	≤0.5%

溶解性

Solubility

(20℃g/100ml 溶剂) (At 20℃g/100ml solvent)	水 Water	<0.01	丙酮 Acetone	1
	苯 Benzene	16	亚甲基氯化物 Methylene chloride	17
	正己烷 N-Hexane	4	甲醇 Methanol	<0.1

应用

Applications

本品对塑料制品具有优良的光稳定性，在碱性条件下不变黄，热挥发损失小，可有效地吸收波长270-380nm的紫外线，与抗氧化剂并用有协同效应。适用于聚烯烃(特别是食品级制品)、聚氯乙烯、聚酰胺、ABS树脂、AS树脂、聚酯树脂等。

This product is a highly effective light stability for variety of plastics and other organic substrates. Due to its red shifted UV absorption, it is particularly suited for use in the stabilization of polymers that are especially sensitive to long-wavelength UV radiation (eg. Polyurethanes, poly-phenylene sulfide) and in certain applications where very low transmission of long-wavelength UV radiation is required (eg. Optical lenses). Its use is recommended in a variety of polymers and organic substrates, including acrylic polymers, unsaturated polyesters, polyvinyl-chloride, polyolefins, polyvinylbutyral, elastomers and adhesives.

包装

Package

20KG/桶，纸板桶内衬塑料袋包装。

The package is the paperboard drum lined with plastic bag. The net weight is 10kg / drum (20kg / drum).

贮藏

Storage

注意防雨、防潮、防晒。

When stored, please avoid the rain, moisture and sunshine.

有效期

Period of Validity

2年

About 2 years