

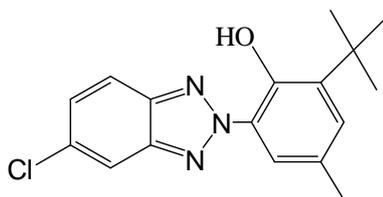
Tiangang® UV-326

Benzotriazole UV Absorber

Chemical name Phenol, 2-(5-chloro-2H-benzotriazole-2-yl)-6-(1,1-dimethylethyl)-4-methyl-

CAS number 3896-11-5

Structure



Molecular Weight 315.8 g/mol

Tiangang® UV-326 is a UV absorber suitable for a variety of plastics and other organic substrates, especially polyolefins, and cold cured polyesters. It has a wide range of indirect food approvals in polyolefins. It features strong UV absorption, and low volatility. When added to the substrates, it protects the substrate from UV degradation, preserving the original appearance and physical integrity of molded articles, films, sheets, and fibers during outdoor use.

Description

Dosage level of Tiangang® UV-326 is between 0.10 and 0.50%, depending on substrate and performance requirements. When used in combination with Tiangang® series of Hindered Amine Light Stabilizers (HALS), synergistic performance is often observed.

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Typical properties

	Appearance	Melting range °C	Volatility 2% weight loss, °C	Flash point °C
Tiangang® UV-326	Slightly yellow powder	138 ~ 141	215	238

Solubility @ 20°C (g/100 ml solvent)

Tiangang® UV-326	Acetone	Chloroform	Ethanol	Ethyl acetate	n-Hexane	Methanol	Water
	1	11	-	2	1	0.1	< 0.01

Safety & handling

Tiangang® UV-326	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.
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