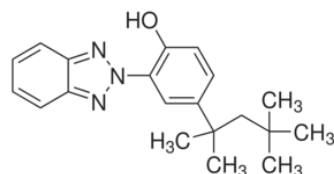


## GC UV-329

**2-(2H-benzotriazole-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol**

**CAS number**

**3147-75-9**



**GC UV-329** is an ultraviolet light absorber belonging to the benzotriazole class. **GC UV-329** is an effective light stabilizer for a variety of plastics and other organic substrates. **GC UV-329** protects polymers from UV radiation, helping to preserve the original appearance and physical integrity of molded articles, films, sheets and fibers during outdoor weathering. **GC UV-329** can be used alone or in combination with other additives such as light stabilizers (hindered amines), antioxidants and other functional stabilizers and additives. The use of **GC UV-329** in combination with HALS is particularly effective. Dosage is 0.1-1.0 %, depending on polymer and performance required.

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### PHYSICAL-CHEMICAL PROPERTIES

Appearance	Powder
Color	White/Yellowish
Assay (HPLC), %	Min. 98
Melting Point, °C	102-108
Ashes, %	Max. 0.1
Volatiles, %	Max.0.5
Transmittance (5g/100 ml Toluene), %	
@ 440 nm	Min. 96.0
@ 500 nm	Min. 97.0

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**HANDLING AND STORAGE:** The processing and use of GC UV-329 requires adequate technical and professional knowledge. Please consult safety data sheet for further handling, storage and toxicity information. GC UV-329 has to be stored in tightly sealed original container in a cool and well-ventilated area, away from direct sunlight.

**PACKAGING:** Standard packaging size of GC UV-329 is 25 Kg in plastic bags in boxes.

**IMPORTANT NOTE** Some plastic additives, fillers or pigments can have a significant influence on UV properties of the end product. Before using this product, please be informed. Machine stop at high temperature could create degradation of polymers. Please clean with neutral polymers.

**DISCLAIMER:**

Information contained in this document is provided to the best of our knowledge and is considered true as per revision date. We do not accept any liability for loss and damage that may occur from the improper use of this information and for the use against the safety legal requirements and patent rights. This specification does not release the customer from the obligation to check the product as to its suitability for intended area of usage.