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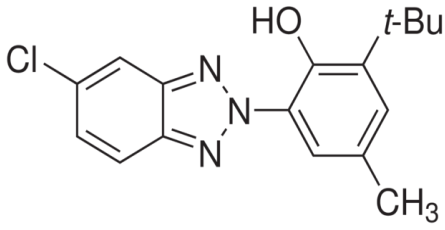
GC UV-326

2-(5-Chloro-2H-benzotriazol-2-yl)-6-(1,1-dimethylethyl)-4-methylphenol



Chemical Formula	C17H18ClN3O
Molecular Weight	315.8
CAS Number	3896-11-5

GC UV-326 is used in polymers processed at high temperatures such as polycarbonates, polyalkylene terephthalates, polyacetals, polyamides, polyphenylene sulfide, polyphenylene oxide, aromatic copolymers, thermoplastic polyurethane and polyurethane fibers, as well as for polyvinylchloride, styrene homo- and copolymers.

PHYSICAL-CHEMICAL PROPERTIES

Appearance	Light yellow powder			
Assay, %	98.0 min			
Densità, g/ml	1.32			
Melting Point Range, ºC	137.00-141.00			
Ashes, %	0.10 max			
Volatiles, %	0.50 max			
Transmittance (5g/100 ml Toluene)				
@460 nm, %	93.0 min			
@500 nm, %	96.0 min			
TGA (10 mg @ 10°C/min under N_2)	Weight Loss	5%	10 %_	25%
	Temperature	202°C	205°C	236°C

HANDLING AND STORAGE: The processing and use of GC UV-326 requires adequate technical and professional knowledge. Please consult safety data sheet for further handling, storage and toxicity information.
GC UV-326 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-326 is 25 Kg in carton.

IMPORTANT NOTE: Some plastic additives, fillers or pigments can influence significantly on UV absorber properties. Before to use the products, please be informed.
Stop machine with high temperature could create degradation of polymers. Please clean with neutral polymer.

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 improperly 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.

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