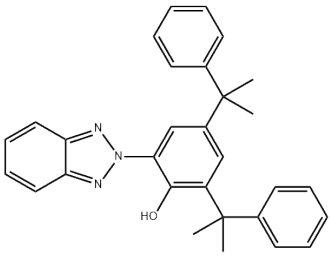
Revision Date: November 2021
Version: 1.5

GC UV-234

2-(2H-benzotriazol-2-yl)-4,6-bis(1-methyl-1-phenylethyl)phenol

Chemical Formula	C30H29N3O
Molecular Weight	447.57
CAS Number	70321-86-7



GC UV-234 is an UV absorber, which provides exceptional protection against the sun's UV rays and prevents yellowing and degradation of a range of polymers. **GC UV-234** 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, %	Min.99.00
Density, g/ml @20 ºC	~1.22
Ash, %	Max. 0.05
Volatiles, %	Max. 0.50
Melting Point/Range, ºC	137-141
Transmittance, %	
@460 nm	Min. 97.00
@500 nm	Min.98.00

HANDLING AND STORAGE: The processing and use of GC UV-234 requires adequate technical and professional knowledge. Please consult safety data sheet for further handling, storage and toxicity information.
GC UV-234 has to be stored in tightly sealed original container in a cool and well-ventilated area, away from direct sunlight.

PACKAGING: Standard pack size of GC UV-234 is 25 Kg in carton.

IMPORTANT NOTE Some plastic additives, fillers or pigments can influence significantly on UV absorber properties. Before using this product, please be informed.
Machine stop at high temperature could cause degradation of polymers. Please clean with neutral polymers.

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