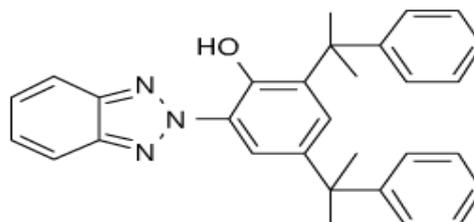


GC UV-234

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

Chemical Formula	C30H29N3O
Molecular Weight	447.57
CAS	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, %	99.00 min
Density, g/ml @20 °C	1.22
Ash, %	0.05 max
Volatiles, %	0.50 max
Melting Point/Range, °C	137-141
Transmittance, %	
460 nm	97.00 min
500 nm	98.00 min

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.

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.