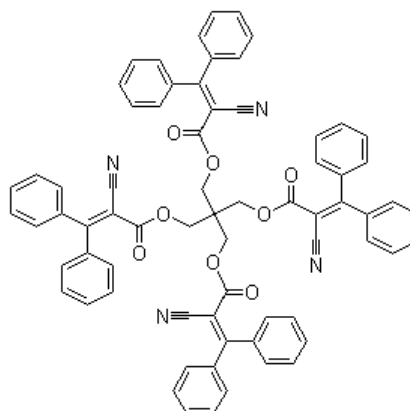


GC UV-3030

Pentaerythritol tetrakis(2-cyano-3,3-diphenylacrylate); 1,3-Bis-[(2'-cyano-3',3'-diphenylacryloyl)oxy]-2,2-bis-[[[(2'-cyano-3',3'-diphenylacryloyl)oxy]methyl]propane



Chemical Formula C₆₉H₄₈N₄O₈
Molecular Weight 1061.14
CAS 178671-58-4

GC UV-3030 can be used to stabilize polymers with high extrusion temperatures. Besides PA und PET, it is especially suitable for stabilizing polycarbonates due to the good compatibility with the production process and excellent stabilizing effect.

PHYSICO-CHEMICAL PROPERTIES

Appearance: White to off white crystalline Powder
Content: 98.50%min
Volatiles: 0.50%max
Melting Point: 175.00-178.00°C
Transmittance:
 460nm:95.00% min
 500nm:98.00% min

TGA:
 weight loss at 250°C: 1.00%max
 weight loss at 350°C: 2.00%max

HANDLING AND STORAGE: The processing and use of GC UV-3030 requires adequate technical and professional knowledge. Please consult safety data sheet for further handling, storage and toxicity information.
GC UV-3030 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-3030 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 polymers.

NOTE:

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.