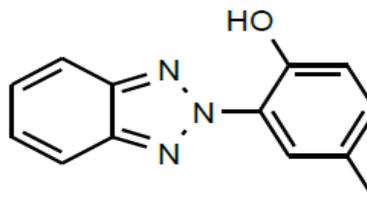


## GC UV-P

### 2-(2H-benzotriazol-2-yl)-p-cresol

CAS Number 2440-22-4  
Molecular Formula  $C_{13}H_{11}N_3O$   
Molecular Weight 225.25 g/mol



GC UV-P is an UV absorber of the benzotriazole class that gives good light stability. It provides UV protection in a wide variety of polymers and organic substrates, including styrene homopolymers and copolymers, engineering plastics such as polyesters and acrylic resins, polyvinyl chloride and other polymers containing halogens and copolymers (such as vinylidene), acetals and cellulose esters.

#### PHYSICO-CHEMICAL PROPERTIES

Appearance	Light yellow crystalline powder
Content (%)	99.00 min
Ash (%)	0.1 max
Volatiles (%)	0.5 max
Melting Point/Range (°C)	128.0-133.0
Transmittance (10% toluene)	
@440 nm, %	93.0 min
@500 nm, %	95.00 min

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

**IMPORTANT NOTE** Some plastic additives, fillers or pigments can have a significant influence on UV absorber properties. 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.