

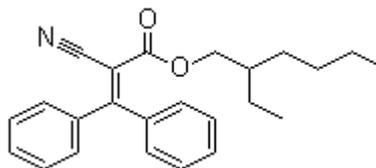
GC UV-3039

2 - Ethylhexyl - 2 - cyano - 3,3 - diphenylpropenoate

Chemical Formula C₂₄H₂₇NO₂

Molecular Weight 361.48

CAS 6197 - 30 - 4



GC UV-3039 can exhibit strong UV absorbance, especially in the UV-B region, chemically non-interacting with reactive monomers and metal-based catalysts, suitable for use with optical brighteners due to its low long wavelength UV absorbance, non-discoloring, chemically non-interacting with reactive monomers and polymerization catalysts. It is compatible with polyurethanes, styrenic polymers, polyesters, polyamides, and acrylics.

PHYSICO-CHEMICAL PROPERTIES

| | |
|---------------------------|--|
| Appearance | Clear yellow viscous liquid |
| Assay(%) | 95.0 - 105.0 |
| Acid value(0.1mol/L NaOH) | 0.18ml/g max |
| Identification | UV absorptivities at 303nm does not differ by more than 3.0% |
| Residual solvents | 2 - Ethylhexanol: 500nm max |
| Any impurity area(%) | 0.50 max |
| Total impurities area(%) | 2.0max |
| Relative density(D25/25) | 1.045 - 1.055 |
| Refractive index(@20 °C) | 1.561 - 1.571 |

HANDLING AND STORAGE: The processing and use of GC UV-3039 requires adequate technical and professional knowledge. Please consult safety data sheet for further handling, storage and toxicity information.

GC UV-3039 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-3039 is 200 Kg in drum

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.