



Dongguan Baoxu Chemical Technology, Ltd.
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Cyasorb 3638, UV 3638

Introduction

Cyasorb 3638 offers very strong and broad UV absorption with no color contribution. Possesses very good stabilization for polyesters(PET) and polycarbonates(PC). 3638 is based on a benzoxazinone structure which delivers a short-term heat stability up to 350 °C and a long term heat stability up to 160 °C.

Chemical Name:

2,2'-(1,4-Phenylene)bis[4H-3,1-benzoxazin-4-one]

Synonyms:

Cytec Cyasorb 3638

Specification:

CAS No. : 18600-59-4

ELINCS No. : 418-280-1 (REACH registration is on-going).

FDA status: Please refer to FDA website for further details

Odor: None

Bulk Density: 0.52 @20 °C

Extinction coefficient (ε): ca. 13,000 at 370 nm

Appearance : Off-white to pale yellow fine powder

Melting point : 330 °C

IR spectrum : Conform

Color (YI, 2 g sample) : 4 max

Color (APHA) : 30 max.

Volatiles : 0.2% max

Application:

UV 3638 is ideal for film/sheet/plate applications such as solar cell, window film, etc

The information and statement herein are believed to be reliable but are not to be construed as a warranty or representation for which we assume legal responsibility, Users should undertake sufficient verification and testing to determine the suitability for their own particular purpose of any information or products referred to herein. No warranty of fitness for a particular purpose is made.



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Handing and Safety:

For additional handing and toxicological information, please consult us for Maternal Safety Date Sheet.

Package:

25kg/plastic bag, 300/500kg per panel

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