

■ POLYMER ADDITIVES

JADEWIN UV 3638

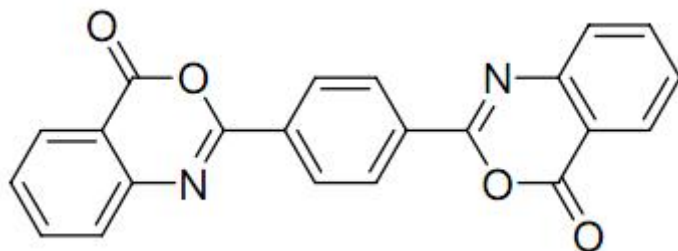
CHEMICAL COMPONENT

COMPONENT 2,2'-(1,4-PHENYLENE)BIS-4H-3,1-BENZOXAZIN-4-ONE

CAS 18600-59-4

Molecular C₂₂H₁₂N₂O₄

M.W 369



SPECIFICATION AND PHYSICAL PROPERTIES

TEST	UNIT	SPECIFICATION
APPEARANCE		WHITE TO OFF WHITE POWDER
VOLATILES	%	0.50MAX
ASH	%	0.10MAX
MELTING POINT	°C	310.00MIN
ASSAY	%	98.00MIN

TGA: 371°C (10%)

FEATURE AND APPLICATION

*JADEWIN UV 3638 is a new environmental benzoxazinone UV absorber, has very strong absorption to both UVB and UVA Region with no color contribution, which is particularly suitable for Optical and lens (PET and PC) industry and also LED diffusion plate, which has strict requirement for initial color

*JADEWIN UV 3638 has high thermal stability, TGA (10%) 371°C, particular for industry of polyester, Polycarbonate and Nylon, which require both high processing temperature and strong absorption to Ultraviolet

*JADEWIN UV 3638 is FDA Approved additive for food contact packing material, particular for PET



JADEWIN

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**QINGDAO JADE NEW MATERIAL
TECHNOLOGY CO.,LTD**
青岛杰得佳新材料科技有限公司

-Good compatibility with PET , has no reaction in polymerization and no effect to physical properties

-High Thermal resistance, Acid-bases resistance

-No degradation, No migration, No Oddor in both processing and stock period

*JADEWIN UV 3638 is suggested to be used in Polyester Film, fiber and containers, Polycarbonate,PETG and PC Molding

PACKING

20Kg Carton Box

STORAGE

Keep container tightly closed and dry and storage in cool place

CHEMICAL INVENTORIES

Australia - AICS

Canada - DSL

EU - EINECS

China - IECSC

Japan - ENCS

Korea - ECL

USA - TSCA

Philippines - PICCS