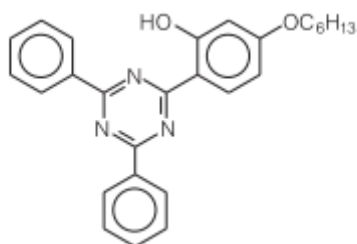


## ■ POLYMER ADDITIVES

# JADEWIN UV 1577

### CHEMICAL COMPONENT

COMPONENT	2-(4,6-Diphenyl-1,3,5-triazin-2-yl)-5-[(hexyl)oxy]-phenolol
CAS	147315-50-2
MOLECULAR	C <sub>27</sub> H <sub>27</sub> N <sub>3</sub> O <sub>2</sub>
M.W	426



### SPECIFICATION AND PHYSICAL PROPERTIES

TEST	UNIT	SPECIFICATION
APPEARANCE		LIGHT YELLOW POWDER
ASSAY	%	99.00MIN
VOLATILES	%	0.20MAX
ASH	%	0.10MAX
MELTING POINT	°C	147.00-149.00
TRANSMITTANCE		
460nm	%	85.00MIN
500nm	%	97.00MIN
TGA:		
321°C (5%)	338°C (10%)	390°C (50%)

### FEATURE AND APPLICATION

\*JADEWIN UV 1577 is triazine UV Absorber, with high molecular weight, low volatile and high thermal stability.

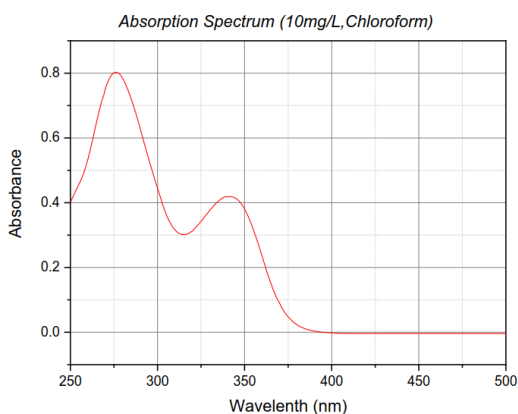
\*JADEWIN UV 1577 has good compatibility with most polymer and resin, not like most benzotriazole UV Absorbers do, JADEWIN UV 1577 not only has better weather resistance, but also stronger UV

Absorbtion.

\* JADEWIN UV 1577 has very low initial color

\* JADEWIN UV 1577 is recommended to be used in PET,PBT,PC,PEET,PMMA,Acrylate Copolymer, PA,PS,SAN,ASA , Polyolefin, particular for PC film,sheet and plate.

\* JADEWIN UV 1577 doesn't separate out in resin system even at high concentration. That make it widely used in industry that needs strong UV Absorbtion, low volatile and good compatibility, for instance, sophisticated molding products, flat sheet , film and extrusion products.



## 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