

■ POLYMER ADDITIVES

## JADEWIN UV 900

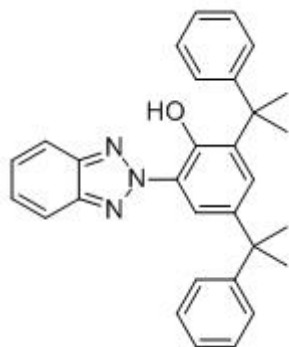
### CHEMICAL COMPONENT

COMPONENT 2-(2H-Benzotriazol-2-yl)-4,6-bis(1-methyl-1-phenylethyl)phenol

CAS 70321-86-7

Molecular C<sub>30</sub>H<sub>29</sub>N<sub>3</sub>O

M.W 448



### SPECIFICATION AND PHYSICAL PROPERTIES

TEST	UNIT	SPECIFICATION
APPEARANCE		OFF WHITE POWDER
ASSAY	%	99.00MIN
VOLATILES	%	0.50MAX
ASH	%	0.10MAX
MELTING POINT	°C	137.00-141.00
TRANSMITTANCE		
460nm	%	97.00MIN
500nm	%	98.00MIN
TGA:		
330°C (5%)	350°C (10%)	398°C (50%)

### FEATURE AND APPLICATION

\*JADEWIN UV 900 is a high molecular weight ultraviolet absorber (UVA) of the hydroxy phenyl benzotriazole class, imparting outstanding light stability to a variety of polymers during its use.



\* JADEWIN UV 900 is highly effective for polymers usually processed at high temperatures such as polycarbonate, polyesters, polyacetal, polyamides, polyphenylene sulfide, polyphenylene oxide, aromatic copolymers, thermoplastic polyurethane and polyurethane fibers, where loss of UVA is not tolerated as well as for polyvinylchloride, styrene homo- and copolymers.

\*JADEWIN UV 900 features low volatility, exceptional light absorbing characteristics and good compatibility in various substrates. This makes the product especially suitable for applications characterized by high surface area, such as films and fiber.

\* The use levels of JADEWIN UV 900 range between 0.15 and 0.60%, depending on application.

\*JADEWIN UV900 can be used in combination with phenolic & phosphite antioxidants, and HALS to optimize performance in outdoor use.

## **PACKING**

25Kg 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