

■ POLYMER ADDITIVES

JADEWIN UV 234

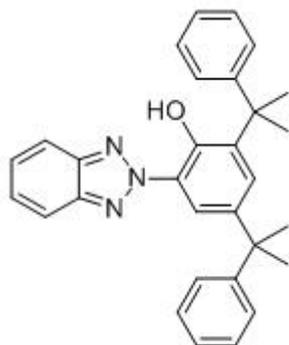
CHEMICAL COMPONENT

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

CAS 70321-86-7

Molecular C₃₀H₂₉N₃O

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 234 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 234 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 234 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 234 range between 0.15 and 0.60%, depending on application.

*JADEWIN UV234 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