



JADEWIN

■ POLYMER ADDITIVES

JADEWIN UV P

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

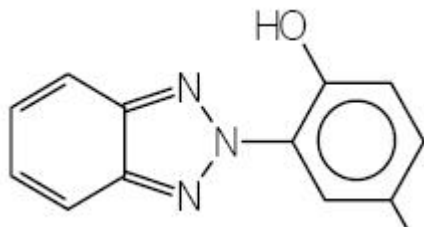
CHEMICAL COMPONENT

COMPONENT (2'-Hydroxy-5mg-methylphenyl) benzotriazole

CAS 2440-22-4

Molecular C₁₃H₁₁N₃O

M.W 225



SPECIFICATION AND PHYSICAL PROPERTIES

| TEST | UNIT | SPECIFICATION |
|---------------|--|---------------------------------|
| APPEARANCE | | LIGHT YELLOW CRYSTALLINE POWDER |
| ASSAY | % | 99.00MIN |
| VOLATILES | % | 0.50MAX |
| ASH | % | 0.10MAX |
| MELTING POINT | °C | 128.00-131.00 |
| TRANSMITTANCE | | |
| 460nm | % | 98.00MIN |
| 500nm | % | 99.00MIN |
| TGA: | 231°C (5%) 245°C (10%) 282°C (50%) | |

FEATURE AND APPLICATION

* JADEWIN UV P is an ultraviolet absorber (UVA) of the hydroxyphenyl benzotriazole class, imparting good light stability to a wide variety of polymers, with strong absorption of ultraviolet radiation in the 290-400 nm region

* JADEWIN UV P provides ultraviolet protection in a wide variety of polymers including styrene homo-



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and copolymers, engineering plastics such as polyesters and acrylic resins, polyvinyl chloride, and other halogen containing polymers and copolymers (e.g. vinylidenes), acetals and cellulose esters. Elastomers, adhesives, polycarbonate blends, polyurethanes, and some cellulose esters and epoxy materials

*JADEWIN UV P has a high degree of photostability over long periods of light exposure.

*JADEWIN UVP 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