

POLYMER ADDITIVES

JADEWIN UV 531

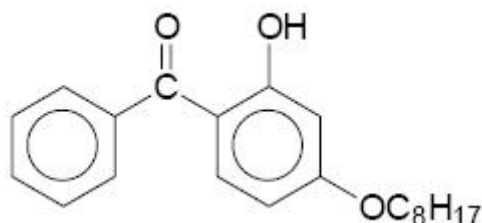
CHEMICAL COMPONENT

COMPONENT 2-Hydroxy-4-n-octoxybenzophenone

CAS 1843-05-6

Molecular C₂₁H₂₆O₃

M.W 326



SPECIFICATION AND PHYSICAL PROPERTIES

| TEST | UNIT | SPECIFICATION |
|---------------|------------------------------------|---------------------------------|
| APPEARANCE | | LIGHT YELLOW CRYSTALLINE POWDER |
| VOLATILES | % | 0.50MAX |
| ASH | % | 0.10MAX |
| TRANSMITTANCE | | |
| 450nm | % | 90.00MIN |
| 500nm | % | 95.00MIN |
| ASSAY | % | 99.00MIN |
| MELTING POINT | °C | 47.00-49.00 |
| HEAVY METAL | ppm | 5MAX |
| TGA | 279°C 5% 294°C 10% 334°C 50% | |

FEATURE AND APPLICATION

- * JADEWIN UV 531 is absorb ultraviolet radiation in the 240~340 nm region.
- * Exhibits synergy with HALS.
- * Excellent solubility and compatibility with high solid coatings formulations.
- * For better long-term performance use of UVAs of the benzotriazole.
- * Can be used for PE, PP, PVC, PS, PC, PP fiber, Ethylene vinyl acetate etc.



JADEWIN

杰得盈

**QINGDAO JADE NEW MATERIAL
TECHNOLOGY CO.,LTD**

青岛杰得佳新材料科技有限公司

* Provide good light stability effect Paints, Powder coatings, Polyurethanes, rubbers.

* Dosage is 0.1~0.5% based on polymer weight.

* Is recommended in PE, PP, PVC etc.

* For additional information please consult the Material safety Data Sheet.

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