



JADEWIN

■ POLYMER ADDITIVES

## JADEWIN BP-1

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

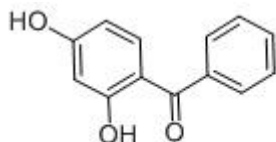
### CHEMICAL COMPONENT

COMPONENT 2,4-Dihydroxybenzophenone

CAS 131-56-6

Molecular C<sub>13</sub>H<sub>10</sub>O<sub>3</sub>

M.W 214



### SPECIFICATION AND PHYSICAL PROPERTIES

TEST	UNIT	SPECIFICATION
APPEARANCE		YELLOW POWDER
ASSAY	%	99.50MIN
MELTING POINT	°C	143.00MIN
VOLATILES	%	0.50MAX
HEAVY METAL	ppm	5MIN
SPECIFIC EXTINCTION		
290nm		630MIN
COLOR	Gardner	5.0MAX

### FEATURE AND APPLICATION

\***JADEWIN BP-1** is a UV absorber that is effective in the 280 – 320 nm range.

\***JADEWIN BP-1** is soluble in common organic solvents and readily compatible with many polymer.

\***JADEWIN BP-1** can be widely used in plastics, coatings and adhesives

-Polystyrene: prevention of yellowing

-Polymethacrylates:Improvement of optical and mechanical properties (eg, of transparent extruded sheet)

-Rubber-based adhesives: stabilization of adhesive properties.



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- Alkyd and phenolic resins: improvement of fastness to weathering.
- Epoxy resin/unsaturated polyesters: retardation of aging.
- Plastic filter lenses for colour film and photographs.
- Fluorescent paints for road marking and traffic signs.
- Coloured liquid detergents.

**PACKING**

25Kg Fiber Drum,450KG to a pallet

**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