

## POLYMER ADDITIVES

### JADEWIN BP-1

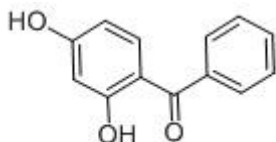
#### CHEMICAL COMPONENT

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
VOLATILES	%	0.20MAX
HEAVY METAL	ppm	5MAX
MELTING POINT	°C	143.00MIN
SPECIFIC EXTINCTION		
290nm		630MIN
COLOR	Gardne	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.
  - Alkyd and phenolic resins: improvement of fastness to weathering.



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

- 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