

■ POLYMER ADDITIVES

## JADEWIN CBS-X

### OPTICAL BRIGHTENER

#### CHEMICAL COMPONENT

COMPONENT	2,2'-((1,1'-biphenyl)-4,4'-diyl-di-2,1-ethenediyl)bis-benzenesulfonic acid
CAS	27344-41-8
Molecular	C <sub>28</sub> H <sub>20</sub> Na <sub>2</sub> O <sub>6</sub> S <sub>2</sub>
M.W	563



#### SPECIFICATION AND PHYSICAL PROPERTIES

TEST	UNIT	SPECIFICATION
APPEARANCE		YELLOW POWDER
E(1%/CM) VALUE		1105-1180
INDISSOLUBLE SUBSTANCE	%	0.5MAX
MAX IN ULTRA-VIOLET RANGE	nm	348-350
PURITY	%	99.5MIN

#### FEATURE AND APPLICATION

\* JADEWIN CBS-X is a fluorescent whitening agent which absorbs UV-light and re-emits it as visible blue fluorescence light, thereby increasing the whiteness of a substrate

\* JADEWIN CBS-X has beneath properties

-High solubility: easy to formulate in all product types

-No staining (pre-spot)

-Good photostability

-Outstanding whitening

-High affinity to cellulosic fibers: high exhaustion rate, no greening after repeated washings

#### Benefits of JADEWIN CBS-X



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

- Achieves high level of whiteness and brightness
- Collaborates to keep the clothes as new ones
- Improves the cleaning efficiency in laundry process
- Prevents greening after multiple washing cycles
- Improves whiteness of power detergent

\* For additional information please consult the Material Safety Data Sheet.

## PACKING

25KG Fiber Drum

## STORAGE

Keep container tightly closed and dry and storage in cool place

## CHEMICAL INVENTORIES

Australia - AICS  
Canada - DSL  
EU - EINECS  
China - IECSC  
Japan - ENCS  
New Zealand - NZIoC  
Korea - ECL  
USA - TSCA  
Philippines - PICCS