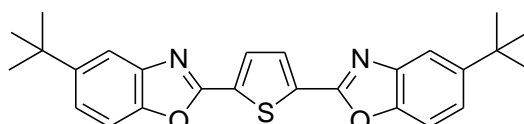


FLUORESCENT BRIGHTENER OB

C.I.184 CAS : 7128-64-5

STRUCTURE:**CHEMICAL NAME:** 2,5-bis(5-tertbutyl-2-benzoxazolyl)thiophene**MOLECULAR FORMULA:** C₂₆H₂₆N₂O₂S (As International relative Atom Mass 1997)**MOLECULAR WEIGHT:** 430.2**Max UV ABSORPTION WAVELENGTH:** 375 nm (ethanol)**Max OPTICAL EMITTING WAVELENGTH:** 435 nm**EXECUTIVE STANDARD:** Q/LQH009-2003**SPECIFICATIONS:**

Item	Indices
Appearance	light yellow or milk white powder
Purity	≥ 99.0 %
Melting point	201-202 °C
Ash	≤ 0.1 %
Volatile content	≤ 0.4 %

PROPERTIES:

Optical brightener OB is a kind of benzoxazole compound, It is odorless, hard to dissolve in water, soluble in paraffin, fat, mineral oil, wax and common organic solvents. It can be used for whitening thermoplastic plastics, PVC, PS, PE, PP, ABS, Acetate fiber, paint, coating, printing ink, etc. It can be added at any stage in the process of whitening the polymers and make the finished products emit a bright bluish white glaze.

It can also be used as special marks in identify fakless material if used in printing ink.

DIRECTION FOR USAGE:

Thoroughly dispersed in all those polymers.If any ultral violet spectrum absorption agent is used in the polymers, the optimal dosage of optical brightener OB should be adjusted.

DOSAGE: (per 100 kg polymer):

PVC white	0.01-0.05% (10-50 g)	transparent	0.0001-0.001% (0.1-1 g)
PS white	0.001% (about 1g)	transparent	0.0001-0.001% (0.1-1 g)
ABS natural color	0.01-0.05% (10-50 g)	white	0.01-0.05% (10-50 g)
PE, PP colorless	0.0005-0.001% (0.5-1 g)	white	0.005-0.05% (5-50 g)

Other plastic are like above

PACKAGE: Packaged in iron drum or cardboard barrels. Net weight is 25 kg or 50 kg each.

STORAGE: Should be stored in cool and dry place.