

Optical brightener

Specifications

OB-1

OB-1 is a universal optical brightener for plastics. This product has good thermal stability and is compatible with many polymers and fillers. Allows you to increase the brightness of the product when using low-cost components. Non-toxic.

No	Properties	Value
1	Appearance	Yellow powder
2	Chemical composition	4,4-bis(2-benzoxazolyl)Stilbene
3	Fluorescence intensity	100 ± 5
4	L/a/b	101~105 -22~-25 41~45
5	Max impurity content,%	± 5
6	Molecular weight	412,4
7	Mass fraction of volatile substances	≤0.5
8	Ash,max,%	≤0.5
9	Density, g/cm ³	1,32
10	Residue on sieve with mesh 200.µ	≤0.5
11	Melting point, °C	350~360

APPLICATION:

Recommended concentration

PP, ABS, EVA, PS, PVC, PC, polyester and nylon fibers. for PP, ABS, EVA, PS, PVC, PC 10 – 50 g per 100 kg for polyester and nylon fibers 20 – 70 g per 100 kg