## **MaKuang<sup>®</sup>** Chemical Co., Ltd.

## MK<sup>®</sup> OB1

ED0701

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Description	
Chemical Name	4,4'-bis(2-benzoxazol-2-yl) Stilbene; or
	2,2'-(1,2-ethenediyldi-4,1-phenylene) bis-Benzoxazole
CAS Number	1533-45-5
Chemical Structure	
Chemical Formula	C <sub>28</sub> H <sub>18</sub> N <sub>2</sub> O <sub>2</sub>
Molecular Weight	414.4
Specification	
Appearance	Yellowish crystalline powder
Assay	97% min
Melting Range	356°C~362°C
Specific Gravity	1.350 g/cm³ (20°C)
Volatiles Content	0.5% max
Packing	Net 25kg /fiber drum

## Application

**MK OB1** is a high molecular weight optical brightener of the stilbene benzoxazol class, suitable for the optical brightening of the polymers at all stages of processing.

**MK OB1** is a highly effective fluorescent whitening agent in a variety of polymer substrates, especially polyester and polyamide fibers as well as polycarbonate, acrylics, styrene homoand co-polymers including ABS, polyolefins and EVA.

**MK OB1** is mainly applied to the polyester, polyamide and polypropylene textile fibers, molded articles, films and sheets. It can be used as a tracer in a variety of applications or in a variety of blends and combinations with processing, heat and light stabilizers.

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