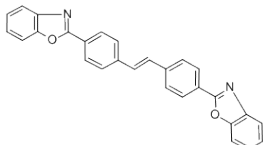




Dongguan Baoxu Chemical Technology, Ltd.
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Optical brightener OB-1

Chemical name: 2,2'-(vinylendi-p-phenylene)bisbenzoxazole

Formula	C ₂₈ H ₁₈ N ₂ O ₂	
MW	414	
CAS#	1533-45-5	

Specification:

Appearance	yellowish or greenish powder
Melting point	350-35°C
Solubility	(g/100 g solution) at 20° C:
Acetone	<0.1
Chloroform	<0.1
Hexane	<0.1
Methanol	<0.1
Water	<0.1

Application:

Brilliant, neutral white cast that compensates for yellowing; Low volatility and excellent heat resistant make the product ideal for use in fibers and in engineering plastics processed at high temperatures; In combination with dyes, produces particularly bright shades; Good light fastness;

OB-1 is excellent oxazole type brightener, Mainly be used in whitening of polyester and plastic ABS, PS, HIPS, PA, PC, PP,EVA, rigid PVC etc., also in whitening of Nylon during polymerization.

Recommended concentrations: 0.005-0.2% depend on the application and degree of desired whiteness

The information and statement herein are believed to be reliable but are not to be construed as a warranty or representation for which we assume legal responsibility, Users should undertake sufficient verification and testing to determine the suitable for their own particular purpose of any information or products referred to herein. No warranty of fitness for a particular purpose is made.



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Handing and Safety:

FDA cleared for use in all polymers

For additional handing and toxicological information, please consult us
for **Maternal Safety Date Sheet**

Package:

25kg carboard drum lined with PE bag, or per customer requirement

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