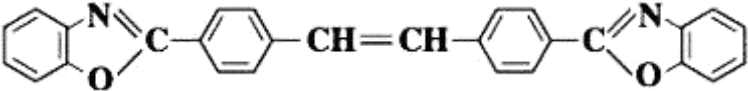


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TECHNICAL DATA SHEET

Product Name	Optical brightener OB-1
Chemical Name	2,2'-(vinylendi-p-phenylene)bisbenzoxazole
CAS No.	1533-45-5
C.I. No.	393
Structural Formula	
Molecular Formula	C ₂₈ H ₁₈ N ₂ O ₂
Molecular Weight	414
E value	2000+-50
Properties	It has high whitening brightening effect and excellent fastness to sublimation.
Technical Index	Appearance: yellowish green powder Purity: ≥98.5% Melting point: 358-360°C Solubility: poorly soluble in water, soluble in alkane, mineral oil, and common organic solvents
Uses	1. Suitable for polyester fiber (PSF), nylon fiber and chemical fiber whitening. 2. suitable for PP, PVC, ABS, PA, PS, PC, PBT plastic whitening brightening, with excellent whitening effect. Perform good at hard plastic, such as construction plastics. 3. Suitable for yellow green masterbatches, filler masterbatches, optical brighteners masterbatches
Addition rates (Application in each 100kg polymer)	Transparent:0.0025-0.005%(2.5g-5g) Commonly :0.01-0.05%(10g-50g) Attention:please mix thoroughly to obtain best effect.OB-1 concentrated masterbatch can be even better mixed.