


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

Formula	$C_{23}H_{16}N_2O_2$	
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, PPEVA, 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