

Chemical name	2,5-Di (5'-tert-butyl benzoxazol-2'-yl) thiophene
CAS NO.	7128-64-5
Introduction	<p>Optical brightener agent OB,Sunpal OB is widely used in thermoplastic plastics, like PVC, PE, PS, ABS, SAN, SB, CA, PA, acrylic resin, polyester fiber, paint, coating, the brightening of printing ink.</p> <p>Optical brightener agent OB,Sunpal OB can be used for PS, PVC, PA & PC based food packings.</p> <p>Optical brightener agent OB,Sunpal OB absorbs high energy radiation in the ultraviolet to violet region (330nm-380nm) on the part of characteristic molecules and emit lower energy radiation in blue region in visible spectrum (400nm-450nm), which yields the counteracting the yellowing appearance.</p>
Physical properties	<ol style="list-style-type: none"> 1. Appearance:? Light yellowish powder 2. M.P.: 198-203 °C 3. Assay: 99% min. 4. Ash content: 0.1% max. 5. Moisture:? 0.3% max.
Advantage	<ol style="list-style-type: none"> 1. Odorless, does not bring smells to the polymers. 2. Light fastness is very good. 3. Stable to heat, and can be used in plastics which require high processing temperature. 4. Low vapor pressure, very little or no loss during processing.
Applications	<ol style="list-style-type: none"> 1. Transparent: 0.001wt% based on polymer weight 2. Coloured: 0.01-0.05wt% based on polymer weight
Toxicity & Safety	Sunpal OB can be safely handled without irritation caused to the skin.
Package	In 25 kg fiber drum with inner plastic bag.
Storage	In a closed system and dry , dark place without any light exposure.