



Technical Data Sheet

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| Product Name | Optical brightener OB (C.I. 184 / C.I.28) |
| MF | C26H26N2O2S |
| EINECS No | 230-426-4 |
| CAS No | 7128-64-5, |
| Chemical Name | 2,5-bis(5-tert-butyl benzoxazoly-2'-)thiophene |
| Appearance | Light green powder |
| Purity | ≥98% |
| Melting point | 198~202 °C |
| Volatile: | <0.5% |
| Package | 20kg per carton, 25/30kg per fiber drum with PE liner, or as per the customers' requirements. |
| Applications: It is widely used in thermoplastic such as PVC, PE, PP, ABS, PS, and unsaturated resin and paint, ink and oil soluble coatings. | |
| Properties: The product is light green or green powder, non-toxic and tasteless, can dissolve in alkane, fat, mineral oil, paraffin and most organic solvents, the absorption spectra of the largest value for 375 nm (in ethanol). | |
| Dosage: PVC whitening: 0.01~0.05%; to improve the light intensity: 0.0001~0.001% Polystyrene :0.001~0.001%; ABS:0.01~0.05%; Polyolefin matrix: 0.0005~0.001% White matrix: 0.005~0.05% | |