

FP-127 Technical Data Sheet

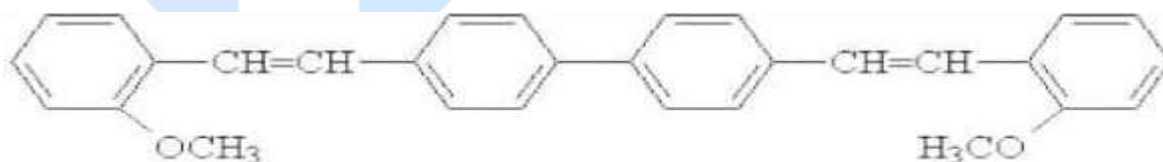
Product Characteristics

Optical Brightener FP-127 is a kind of plastics additive that can absorb UV light, then emit visible blue light to reduce the yellowish and make the products whiter. The whitening effect is more outstanding. Mainly in leather and leather products, the whitening and brightening effect is particularly good. FP-127 is mainly used in whitening of plastics such as PVC, PS, TPR, etc.

Applications

- Plastics such as PVC, PP and PS
- Coatings
- Synthetic fibers
- Painting Inks
- Leather

Specifications & Properties



➤ Chemical Name:	1,1' -biphenyl-4,4' -bis-benzoxazole
➤ Molecular Formula:	C ₃₀ H ₂₆ O ₂
➤ Molecular Weight:	418
➤ Appearance:	Light Green Powder
➤ Melting Point:	219 - 221 °C
➤ Purity:	≥ 98.5 %
➤ Fineness:	Pass 100 Meshes
➤ Dosage:	0.01-0.05%

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Properties

- Friendly to environment
- Soluble in organic solvents
- Good compatibility with PVC and Polystyrene
- High whiteness
- High efficiency
- High stability
- Good chromatic light
- Good heat/weathering resistance
- Migration resistance
- Improve transparency of matrix resin

Packing

It is packed in 25Kgs carton, drums or according to the requirements of users.

Product Storage

Keep container tightly closed and dry and storage in cool place.

Safety Precautions

This product is a kind of organic chemical and inedible, if there is any product in mouth or eyes while using, please wash with large amount of water immediately, and prompt medical attention should be taken if seriously.