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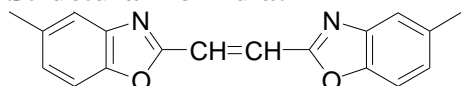
Website: www.richfortunechem.com

Optical Brightener PF(C.I.135)

Introduction:

PF is a benzoxazole class optical brightener mainly used in almost all of the existing plastics and their products.

Structural Formula:



Details :

CAS No: 12224-12-3

Appearance: Light yellow crystal powder

Assay: 99.00% Melting Point:184-186°C

Maximum absorption :370nm

Properties:

PF isn't soluble in water, but soluble in dimethyl benzene, chloroben, DMF, dimethylphthalate and dibutyl phthalate. It has good resistance to acid and alkali. It can be used in almost all of plastic materials.

Application:

Optical brightener PF has excellent whitening and brightening effect on almost all of the existing plastics and their products. it is also suitable for whitening polyester fiber, polyamide fiber and acetate fiber, or synthetic fiber -cotton,-wool or -silk blend fabric.

Method of usage:

The recommended loading concentration is 0.03-0.1% on weight of plastic. it can be changed depending on substrate, processing conditions, and long-term stability requirements.

Please Noted: above recommended loading can be a reference. Exact loading must be determined by compositions of the specific polymer system

Packing: 25kg fiber drums or complex bags