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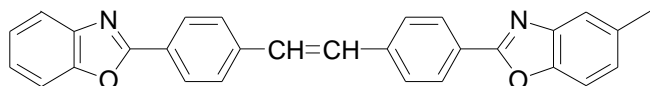
Website: www.richfortunechem.com

Optical Brightener KSN (C.I .368)

Introduction:

KSN is a diphenylethylene bisbenzoxazole class optical brightener suitable for polyester fiber and plastic materials, polyamide, polyacrylonitrile, films and plastic pressing & injection processure

Structural Formula:



Details :

CAS No: 5242-49-9

Appearance: yellowish crystal powder

Assay: 99% Min

Melting point: 335-345°C

Properties:

KSN is insoluble in water, but soluble in high boiling point organic solvents such as phenyl-chloride. KSN has the similar chemical structure to OB-1, but has much better whitening effects than OB-1 on polyester fibres and plastics, its compatibility with plastics is better than OB-1. It can get highly whitening effects with only small dosage, KSN has a good resistance to high temperature as well as excellent resistance to light and weather.

Applications: it is widely used in polyester fiber and plastic materials, polyamide, polyacrylonitrile, films and plastic pressing & injection processure.

Method of usage:

The recommended loading concentration is 0.01-0.05% on weight of plastic or polyester granules. 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: Packaged in fiber drums or complex bags, 25kg each