

Optical brightener

Specifications

KSN

Multi-purpose optical brightener for plastics and synthetic fibers in contact with food, with diamond brightening effect and neutral tint. It has good fluorescence intensity and a fairly strong brightening effect with a very small amount. Lightfast. Heat resistant. Non-toxic

No	Properties	Value
1	Appearance	yellow-green powder
2	Chemical composition	Benzoxazole derivatives
3	Fluorescence intensity	100±3
4	Wavelength	376 nm
5	Max impurity content,%	>0,25%
6	Mass fraction of volatile substances,%	≤0.5%
7	Ash,max,%	0,63%
8	Density, g/cm ³	1,39
9	Residue on sieve with mesh 200.%	>98%
10	Melting point, °C	>300°C

APPLICATION:

1. It is used for processing polyester, nylon fiber and terylene chemical fiber.
2. Particularly suitable for high temperature engineering plastics such as PET, PBT, PC, ABS and PA.
3. Also suitable for common plastic such as PVC, PE, PS, PP, EVA, etc., with very small amount less than 0.01%