

TECHNICAL DATA SHEET



MAA DURGA POLYCHEM

We Understands Your Needs....

MDPC- OB1

Product Information

MDPC-OB1 is a heat resistant, solvent soluble, chemically stable fluorescent whitener that provides brighter looking colors. It is used to offset the yellowness of a polymer and to yield a whiter appearance. Optical brighteners create brilliance by absorbing UV light, modifying the wavelength of the light and then emitting the light in a fluorescent fashion.

Product Name	MDPC-OB 1
Description	Optical Brightner
CAS No.	1533-45-5
C.I. No.	393
Appearance	Yellowish Green Powder
Molecular Formula	$C_{28}H_{18}N_2O_2$
Molecular Weight	414
Melting Point	357~361°C.
Purity	≥98.5%
Particle size	≥100
Ash	≤0.1%
Uses	Mainly used in whiteing of Polester and Plastic, Nylon during polymerization.

ADVANTAGES:

- FDA cleared for use in all polymers, adhesives and pressure-sensitive adhesives
- Brilliant, bluish white effect that compensates for yellowing
- Highly compatible with a wide range of organic substrates and solvents
- In combination with dyes, produces particularly bright shades
- Useful as tracer in clear coating, adhesives and sealants
- Good light fastness and low volatility
- Exceptional whitening properties
- Excellent resistance to heat

The above mentioned chemical product has no poison, no pollution and no cauterization, It is common chemical product.

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