

TECHNICAL DATA SHEET



MAA DURGA POLYCHEM PVT. LTD.

We Understand Yours Needs....

OPTICAL BRIGHTENER

MDPC® - OB1

Description

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-OB1
Description	Optical Brightener
CAS No.	1533-45-5
C.I. No.	393
Appearance	Yellowish Green Powder
Molecular Formula	C ₂₈ H ₁₈ N ₂ O ₂
Molecular Weight	414
Melting Point	357~361°C.
Purity	≥98.5%
Particle size	≥100
Ash	≤0.1%
Uses	Mainly used in whitening of Polestar and Plastic, Nylon during polymerization.

Advantages

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

Self Life

This product is used in within a 24 month, when stored under the right conditions.

Packaging

This product is packaged in 25Kgs. Fiber Drum with Linner.

Storage

Store in a cool and dry place, once opened, the bag should be tightly close after use.

No warranty, expressed or implied, or merchantability, fitness for a particular purpose or otherwise is made, except that the products herein discussed comply with the chemical description on the labels. Buyer assumes risks of the use, storage and handling. Hummel shall not be liable for any incidental or consequential damages arising directly or indirectly in connection with the purchase, use, storage or handling of this product. The information contained herein is, to the best of our knowledge, true and accurate. However, all recommendation or suggestions are made without guarantee, since the conditions of use are beyond our control. We disclaim any liability incurred in connection with the use of these data or suggestions. This information is not to be taken as a license to operate under, or a recommendation to infringe any patent (s).

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

Made In India

MANUFACTURER • IMPORTER • EXPORTER

PVC HEAT STABILIZER □ OPTICAL BRIGHTENER □ TITANIUM DIOXIDE

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