



N9 Plastix Odor DR

ODOR ELIMINATOR FOR POLYMERS

Rev No: 00
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TECHNICAL INFORMATION

N9 PLASTIX ODOR DR is a natural, powder-based inorganic silicate additive containing a specific mesoporous structure that works through multi-channel processing. This additive is used to remove odors in virgin applications, such as molded containers and blown films made from virgin HDPE, PP, etc. It is also effective in removing residual organic volatile contaminants in recycled polyolefins. The additive safely removes or masks the odors of plastic products without altering the physical properties of the end product.

PROPERTIES

Chemical Nature	Inorganic silicate material
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Appearance	White powder
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Density	0.2 – 0.3 @ 25 deg C
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Compatibility	N9 Plastix Odor DR is compatible with PE, PP, PVC, ABS, PA6, PET etc.
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RECOMMENDED DOSAGE:

The dosage of N9 Plastix Odor DR additive is 0.5-0.8% by total weight of polymer.

Note: If the smell is strong, increase the proportion appropriately.



APPLICATION GUIDELINES

N9 PLASTIX ODOR DR is first dry blended well with the pulverized polymers as evenly as possible before it is fed into the extruder or molding line. Homogeneous distribution of the powder with the polymer enhances the odor removal performance. Contact with moisture should be prevented at all times during processing. The operating temperature is required to be maintained above 100 deg C. The deodorization effect is higher at temperatures above 100 deg C.

GENERAL NOTES:

- Ensure good mixing of the additive with the polymers for maximum performance
- Odor tests are subjective; hence, pre-trials are recommended to confirm the odor performance that suits your requirements
- It is recommended to carry out a comparison between the odors of untreated and treated masterbatches 24 hours after treatment
- The additive is capable of encapsulating and adsorbing irritating gases such as poly aldehydes, ammonia, chlorine, benzene etc.

SHELF LIFE:

When stored under proper storage conditions **N9 PLASTIX ODOR DR** powder-based additive can be used before 12 months from the date of the manufacturing the product. Keep the containers lid closed when not in use.

STORAGE & HANDLING:

Store the product in a closed and dry place with general ventilation, in dark, light-protective closed containers. Wear hand gloves, face mask and suitable PPE's while handling the product.

DISPOSAL:

Product: Dispose the material according to regulations by incineration in a special waste incinerator. Follow the local bye-laws.

Packaging: Since packaging material does not get contaminated, it may be reused/ recycled after soap washing. Observe local bye-laws.

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