ANTIFOG MASTERBATCHES

NASSOLKEM NasFog[™] Anti-Fog Additive MasterBatches







PRODUCT INFORMATION

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NasFog[™] MasterBatches are suitable for use in LDPE/LLDPE. PVC and EVA films.

NasFog[™] **PP** MasterBatches are for use in POLYPROPYLENE.

Fogging in polymers results from the condensation of water as small discrete droplets on the surface of transparent films.

Fogging commonly occurs when there is temperature difference between inside & outside of films.

Fog formation in food wrapping reduces or deteriorates the quality of food, Similarly in Agricultural film, fogging reduces light transmission & can lead to damage of plants.

NasFog[™] Antifog MasterBatch is a result of combination of two chemistry, which prevents formation of water droplets.

NasFog[™] prevents water droplet cloudiness & meets adequate heat stability, low volatility.

 $NasFog^{TM}$ prevents vapour formation during film production without yellowing effect with no negative influence on the transparency & odour of the films.



Salient Features:



- a) Content of the package is completely visible in packaging films.
- b) Food inside does not deteriorates for longer time.
- c) Useful in eliminating Hot and Cold fog formation.
- d) FDA approved.
- e) Improves light transmission in agricultural films resulting in higher plant growth rate.
- f) Reduces burning of plants & crop spoilage.
- g) True Universal compatibility in LDPE, LLDPE, PP, PVC and EVA films.

Product Description:

 $\mathbf{NasFog}^{\mathsf{TM}}$: is True Universal Antifog which possesses greater compatibility & delivers superior retention to fog formation in all polymers.

NasFog™ PP: Polypropylene is hydrophobic in nature. When PP film comes into contact with a saturated vapour environment, the sharp temperature change causes fogging to occur. E.g. when food packages are exposed to refrigeration, **NasFog™ PP** antifog effectively removes formation of fogging in Polypropylene film.

Recommended Dosage: 2%

FDA Status : (\checkmark)

Shelf Life: Very Long



NASSOLKEM (P) LTD. **BULBUL MASTERBATCHES (P) LTD.**

Manufacturing Sites in India:

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