

Next Generation

# ANTIBLOCKS for PACKAGING FILMS

NASSOLKEM NasnoSil™, PPnSil™ & NasBlok™ Antiblock Additive MasterBatches



True Universal Color-n-Additive MasterBatches



## ANTIBLOCKS for PACKAGING FILMS

NASSOLKEM NasnoSil™, PPnSil™ & NasBlok™ Antiblock Additive MasterBatches

PRODUCTS	a) <b>NasnoSil™ ADPP MB</b>	: Haze Free effective ANTIBLOCKS for LDPE / LLDPE / PVC, PET & EVA films.
	b) <b>PPnSil™ ADPP MB</b>	: Specially developed HAZE FREE ANTIBLOCKS for PP & BOPP films.
	c) <b>NasBlok™ A-92 MB</b>	: Haze Free effective ANTIBLOCKS for LDPE / LLDPE / PVC, PET & EVA films.

**Introduction :** Maintaining true concept of 'TRANSPARENCY AT ITS BEST'

**NasnoSil™, PPnSil™ & NasBlok™** represents new innovation in Antiblock MasterBatch requirements of the Packaging Industry with practically no haze. These highly effective Antiblocks deliver superior performance at lowest dosage resulting in Lower Cost with optimum results.

**NasnoSil™, PPnSil™ & NasBlok™** impart essential Antiblocking functionality without disturbing optical & mechanical properties of packaging films.

All of the above Antiblocks maintain critical Tensile strength, Tear resistance & Impact properties of packaging films. Unlike conventional Antiblock MasterBatches, they also enhance gloss & minimize haze in films, setting new technological standard as they are free of silica.

Blocking is one of the most critical phenomenon & cause severe problems during film production.

**NasnoSil™, PPnSil™ & NasBlok™** are perfect solutions to eliminate these problems.

**NasnoSil™ ADPP MB** is Unique combination of refractive index & Particle morphology. Products (Plastic Film) made using this product deliver superior optical properties & excellent blocking performance.

In Horticultural & Thermal Film application **NasnoSil™** delivers critical light scattering, infrared absorption & thermal functionality to improve crop yielding





### Salient Features :

- a) Highest AntiBlock Properties & in addition Excellent transparency with lowest haze or practically no haze.
- b) No adverse effect on adhesion properties of ink & printing on the surface of films.
- c) Improves surface treatment & coating on the films together with Tear Resistance & Impact Properties.
- d) No change in sealing properties.
- e) FDA approved.

### Product Description :

#### NasnoSil™ ADPP MB :

- a) Unique Trio of Antiblock, Antislip & Processing Aid MasterBatch based on next generation SILICA Free technology.
- b) Delivers exceptionally extra ordinary performance in all 3 segments together with highest degree of crystallization.
- c) Improves Shelf life of Packaging films.
- d) Based on Proprietary Functional carrier **NasnoSil™** offers Universal Compatibility resulting in superior dispersion & distribution with processing ease hence suitable for use in LDPE / LLDPE, PVC, PET, EVA, PA, PP & BOPP films.

#### PPnSil™ ADPP MB :

- a) Based on characteristics similar to **NasnoSil™** but specifically designed for use in PP and BOPP films only.
- b) It is not recommended for any other Polymers.

#### NasBlok™ A-92 MB :

- a) Versatile Antiblock MasterBatch designed for universal applications with haze free promise & effects.
- b) Based on proprietary functional carrier **NasBlok™** offers Universal compatibility resulting in superior dispersion & distribution thus suitable for use in LDPE / LLDPE, PVC, PET, EVA, PA, PP and BOPP films.

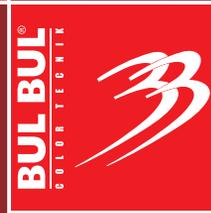
**Physical Form :** Granules

**Dosage :** 1% to 2%

**Shelf Life :** 5 Years (please avoid moisture)

**FDA Status:** (✓)

**Note:** This information is solely for your consideration, investigation & verification. It is not to be taken as a warranty or representation.



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

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Manufacturing Sites in India:  
Athal, Piparia (Silvassa), Pune, Sachin & Pandesara.

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