



## OUR GROUP COMPANIES

Sudarsshnan Pollyblends Pvt. Ltd.

Sudarsshnan Pollyalloys

Sudarsshnan Plast



# WHAT YOU ARE HOLDING IS NOT A PAPER

It's a science of plastic with a sense of paper

This is a film made with Sudarsshnan's **Paper Like Film Compound**

### Sudarsshnan Pollyblends Pvt. Ltd.

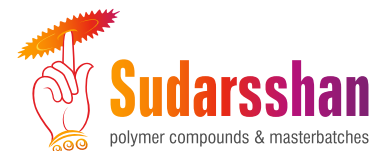
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*Explore our solutions for flexible films*

Check out more of our range of

## Masterbatches & Compounds for Film Applications



### Polymer Compounds

#### Paper Like Film

- Low gloss compound looks like paper, but acts like plastic
  - One pack compound for end use application
  - 100% Recyclable
- Features :**
- Low gloss, matte compound that resemble and feel like paper
  - Excellent tear resistance, water resistance and UV flexo-printability
  - Increased stiffness, whiteness, and low density

**Applications :**

- Printing cards, paper for photo album, luxury magazines
- Brochures, labels, banners, posters, book covers, maps, etc.
- Children books and Manuals

#### Slip - for Stable COF film

- Stable slip and anti-blocking properties
- The COF level generally corresponds to how much slip they contain

**Features :**

- COF does not change with converting operations
- Maintaining optic properties such as brilliance, transparency, and clarity

**Applications :**

- Co-extruded film , suitable for High speed packaging machines

#### Matte Film

- Designed to manufacture BOPP matte film when used 100% in skin Layer

**Features :**

- Provides very high Haze , low gloss and high contact clarity.
- Good dyne retention and high dispersability.

**Applications :**

- Lamination films & Packaging films

### Masterbatches & Additives

#### Anti-Block

- Recommended for the handling, conversion of packaging films
- Organic and Inorganic particles based are available and can be customized as per requirement

**Applications :**

- Packaging films: BOPP/ CPP films
- LLDPE Blown film

#### Anti-Static

- Static charge plays a very important role in determining the line speeds
- A reduced static charge also avoids dust pickup by the packed goods

**Applications :**

- Packaging films: BOPP/ CPP films

#### Diffuser - for PET Film

- In thick BOPET films offers excellent light diffusion effect.
- Eliminates Hot-spots, Lowers refractive index, very good dispersion
- Results in Energy saving, High heat stability

**Applications :**

- LED reflective films in LED light panel

#### Cling Film - for LLDPE

- PIB based tackifier MB in LLDPE polymer
- Free flowing Granules
- Improved optical properties
- Environment friendly

**Applications :**

- Industrial items wrapping
- Packing food & Edible items

#### Stiffener/ Shrink

- Based on hydrocarbon resins
- Addition to BOPP films improves haze, gloss, stiffness, and barrier properties
- Enhanced shrinkage tendency is obtained upon orientation

**Applications :**

- Packaging films: Tight-pack overwrap film
- High shrink tobacco film & reduction of Haze

#### Bonding Agent

- Polypropylene based.
- Excellent metal bond strength for metalized films.
- Excellent Barrier properties.
- Better interlayer bond

**Applications :**

- BOPP & CPP Films

#### Organic Filler

- Excellent dispersion in PP as the particle size of the filler is controlled both chemically and mechanically.
- Reduces density of BOPP to 0.700 g/cc
- Excellent pearl effect, High stiffness and better barrier than conventional fillers
- No skin failure
- The recommended LDR is 10-15% in the film.

**Applications :**

- High gloss pearl film for labels of all types.