



NANO POLYPLAST
PVT. LTD.

MOISTURE ABSORBER COMPOUND (DESICCANT) MASTERBATCH / POWDER

Moisture Absorber Compound (Desiccant) is a specialized material for removing moisture during processing of plastics. This innovative drying agent absorbs moisture in virgin and recycled LD / LLDPE / HM / PP / HIPS, etc. Based on extra pure minerals, it offers a simple and cost effective solution to moisture caused problems.

APPLICATION

All type of Film Blowing, Moulding, Furniture, Recycle Plastic, Raffia, Lamination, Rigid PVC Pipes and almost all virgin & recycled plastic processing facing moisture issues.

ADVANTAGES

- Elevates strength of the polymer matrix
- Improves surface properties
- Increases filler addition level
- Increases reprocess polymer addition level
- Improves surface gloss in finished products
- Reduces energy consumption
- Increases rate of production and yield
- Weight addition to end product
- Minimizes down glossing and hazing under high humidity application conditions

ELIMINATES

- Silver Streak in Moulding
- Fish Eyes
- Bubbles
- Die build-up and Gassing
- Windows / Lenses in film
- Porosity

FEATURES

- Simply mixes with raw materials and needs no extra equipments
- Requires no change in process techniques
- Absorbs moisture equal to 20-25% of its own weight
- Good plasticizing property and mixes well with polymer matrix

GRADES

- Available in Granule (masterbatch) and Powder form
- Depending on applications, underlying polymer types and process techniques; various grades are available.
- Based on requirements, specific tailor-made solutions are also provided.

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