



ADD FLEX

Add plast has innovated an additive Masterbatch called "ADD FLEX". It works as processing aid & excellent bonding agent to enhance the properties of PP/ HDPE / LDPE/ LLDPE Polymers. It results in increasing various qualities of PP/HDPE woven sacks, Non Wovens, PP/PE carry bags, injection & blow moulded products. ADD FLEX gives smoothness to process without increasing cost of end products. The recommended rate of addition is 2 to 10 % with polymer by weight in different applications. Loading product is dependent on machine and climatic conditions.

ADD FLEX ADVANTAGES

Reduces Temperature And Increases Elongation ADD FLEX helps in reducing the resultant temperature of the extruder. By adding Modifier temperature can be reduced in Barrel Zone. It also reduces the carbon formation of dye. ADD FLEX enhances strength and elongation compared to incumbent polymers which have limited ability to stretch.

INCREASES ADDITION OF FILLER MASTER BATCH

ADD FLEX does the work of excellent homogeneity and mixing of Polymer with other ingredients. It helps increasing the additional loading of filler Masterbatches (2% to 5%) in formulation dosage.

REDUCES THE WASTAGE %

It gives smoothness in film even at higher speed in extruder plant and gives good productivity. It reduces the wastage percentage considerably

IMPROVES PRODUCTION

ADD FLEX gives better bonding of polymer and CaCO₃ masterbatch which reduces the process stress on machine. It enhances the visual looks by making the product more white, Glossy, shiny & lustrous.

BETTER DISPERSION

ADD FLEX gives excellent & homogenous mixing of Polymer & filler Masterbatches results in better dispersion & consistent flow of material. It can be used to improve polymeric properties of recycled materials.



www.dickofilmction.com

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ADD FLEX

ADVANTAGES IN HDPE/PP WOVEN SACK, EXTRUSIONS & COATING

ADD FLEX works as processing aid and bonding agent to increase the various quality of woven bags and extrusion coating, of PP and HDPE and others polymers. It gives smoothness to process & increases the strength, elongation in low/high deniers, reduces powder formation, increases filler loading & reduces wastage percentage which results in improved quality & reduction in end cost.

ADVANTAGES OF ADD FLEX

- Highly suitable for Manufacturing low denier tapes & higher output extruder.
- Improves strength & surface properties.
- Ease of Processing by using Existing Processing Equipment without Modification.
- Improves filler loading & reduces cost.
- Increases High Stretch Ratio.
- Reduces tape breakage & waste %.
- Improves printability & enhances processability.
- Improves processability in extrusion coating line for down gauging.
- increases strength, Reduces powder formation

ADVANTAGES IN BLOWN FILM APPLICATION

ADD FLEX works as processing aid and bonding agent to increase the various quality of Blown film bags, Injection and blow moulding products made out of HDPE, LLDPE, LDPE and others polymers. It gives smoothness to process & increases the filler loading which results reduction in end cost.

ADVANTAGES OF ADD FLEX

- Improves out standing mechanical properties even at higher loading,
- Improved opacity of film, Antiblock effect, Improves Elasticity .
- Improves filler loading, Reduces TiO₂ Masterbatches & Reduces Cost .
- Improves bubble stability Faster Cooling
- Improves printability & enhances processability.
- Reduces tape breakage & waste %.

ADVANTAGES IN NON WOVENS & INJECTION / BLOW MOULDING

ADD FLEX works as processing aid and bonding agent to increase the various quality of Non Wovens, injection and Blow moulding products of polymers. It gives smoothness to process & increases the filler loading which results reduction in end cost.

ADVANTAGES OF ADD FLEX

- Improves ESCR, fast cooling, cost saving, no migration, excellent ageing.
- complies with food regulations.
- Reduces cost, improves output, enhances processability.
- Helps in improving & maintaining strength, Improves surface properties.
- Reduces TiO₂ masterbatch loading, gives opacity.
- It helps to kill the problem of brittleness of moulded product.
- Compatibility with Co-polymer.
- Improves Sealing Properties.
- Gives excellent Elasticity.



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