

Polysharif-Antifog Masterbatch

Antifog Properties for blown and extruded films



B. P. Sharif Co. products, trade name of Polysharif®, is supplied to the market as Functional Polymeric Masterbatch Granules for the purpose of doing a function and duty in polymeric final products. One of the most useful masterbatch is Polysharif-antifog Masterbatch which can be employed in **food packaging** and **green house films**. The base of the masterbatch is low or high density polyethylene (PE).

The antifog masterbatch is added during the melt processing of the final product in the range of 1 to 10 wt.%, depends on the application and type of the products. The antifog properties of the film can be induced immediately after the manufacturing process or a few hours after the process.

It's worth to state that the antifog properties caused by this masterbatch is permanent and can not be destroyed after mechanical abrasion of the products. The masterbatch is FDA approved and does not make any human skin sensitivity.

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Polysharif-Antifog specifications:

- Ease of processing for any blown and extruded film products
- Without any change in processing parameters,
- Permanent antifog properties,
- Low cost and affordability, and
- High efficiency, even in hot fog test

