

Polysharif-Antibacterial Masterbatch

Antibacterial Properties for trays and 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-antibacterial Masterbatch which can be employed in food packaging as trays and flexible films. The base of the masterbatch is low density polyethylene (LDPE) or polypropylene (PP).

The antibacterial 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 antibacterial properties of the film and solid container can be evaluated according to ISO 22196:2011. According to the standards, the R-value for this product is about 2.5. It's worth to state that the antibacterial properties is assigned when the R-value is greater than 2. The masterbatch is FDA approved and does not make any human skin sensitivity.



Polysharif-Antibacterial specifications:

- Ease of processing for any
- blown and extruded film products,
- Without any change in processing parameters,
- R-value greater than 2
- Low cost and affordability

