

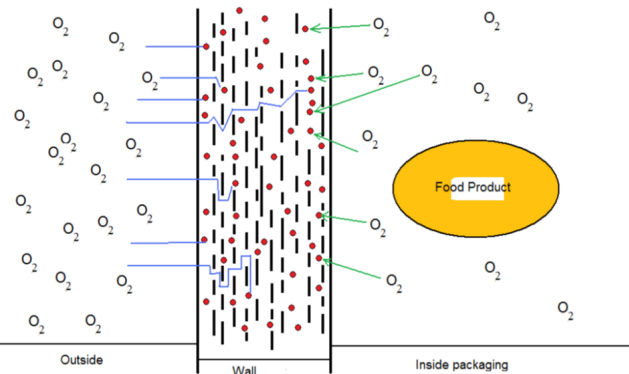
Polysharif-O2Block Masterbatch

O2Block 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-O2Block Masterbatch which can be employed in food packaging as trays and flexible films. The base of the masterbatch is low density polyethylene (LDPE) or polyamide (PA).

The O2block 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. Utilizing this product, the oxygen transmission rate (OTR) of the polymeric film can be reduced dramatically. The OTR properties of the film and solid container can be evaluated according to ISO 15015-2:2003. According to the standards, the OTR value is less than 100 cc/m²/24 hr. The masterbatch is FDA approved and contains clay nano-materials and Iron compounds.



Polysharif-O2Block specifications:

- Ease of processing for any blown and extruded film products,
- Without any change in processing parameters,
- OTR less than 100 cc/m²/24
- Low cost and affordability

