

Dehydration (Desiccant) Agent Masterbatch

Introduction

Dehydration (Desiccant) agent masterbatch designed for use in applications sensitive to the effects of porosity caused by the presence of moisture. It reacts with and binds water vapor as it enters an application, can significantly extend the shelf life of end use products such as foods, pharmaceuticals and other products that need protection from moisture.

Product Benefits

- Reduce the water contents in using resin during processing
- Improve processability
- Minimize to change physical properties of films or molded articles

Applications

- LDPE plastics bags
- Polyolefin Casting and Blown films
- Mineral filler high loaded applications (garbage bag, etc.)

Composition

- Content of Additive: 40 ~ 55 wt%
- Carrier Resins: LDPE (Low Density Polyethylene)

Recommended Dosage Rate

- Films : Up to 3 wt%
- Injection and Blow moldings : 2 ~ 4 wt%

Because processability and quality of applications are depended on processing conditions (temperature, pressure, speed, etc.) and applied resins, the optimum dosage rate must be determined by pre-test.