

KAF-1090EV

KAF-1090EV provided as concentrate or masterbatch in a range of Polyolefin based. The product is a antifog agent for LDPE & EVA copolymer film, exhibits excellent antifog properties at low usage level in green house & food packaging film application. The role of antifog is to prevent condensation of vapour, i.e. small water droplets on the polymer film surface. The antifog acts as a wetting agent resulting in reducing surface tension at the water/polymer interface. The water will then condense as a thin continuous film with no loss transparency, rather than as small discrete water droplets rendering a less attractive presentation of the packaging and packaged food itself.

Performance Features

- FDA approved (21 CFR 184.1505) for food packaging
- Completely easy and safe handle when used as directed
- Provide effective antifog properties
- Suitable for high processing temperatures: up to 280°C

Application

- [KAF-1090P](#) is an effective antifog agent concentration (or masterbatch) in both LDPE & EVA copolymer film.
- The usage level of KAF-1090EV is low:
 - An application of **3.0% to 5.0%** based on weight of finished product is recommended.

Typical Properties

- Appearance @ 25°C: off white pellet
- Carrier resin: Polyolefin
- Active content: 15%