

# KAF-1090P

KAF-1090P provided as concentrate or masterbatch in a range of Polyolefin based. The product is an antifog agent for PP, LDPE & EVA copolymer film, exhibits excellent antifog properties at low usage level in 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 PP, LDPE & EVA copolymer film**. The usage level of KAF-1090P 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: Polyolefins
- Active content: 15%