

**DATA SHEET / SPECIFICATIONS**  
**ANTIFOGGING MASTERBATCH**  
**AF PE GE 10**

AF PE GE 10 is a masterbatch containing 10 % Glycerol Ester in LDPE base resin. Glycerol ester rapidly migrates to film surface, reducing the contact angle of condensed water droplets, giving anti-fogging effect to polyethylene films.

**SPECIFICATIONS**

<i>Ester content %</i>	<i>9 - 11</i>	<i>MO313-700*</i>
------------------------	---------------	-------------------

**ADDITIONAL TYPICAL PROPERTIES**

<i>Appearance</i>	<i>Creamy white dry free flowing pellets</i>	
<i>Melt Index (190°C / 2.16 kg)</i>	<i>8-20 g/10mn</i>	<i>MO1-700*</i>
<i>Moisture content</i>	<i>&lt; 3000 ppm</i>	<i>MO27-700*</i>

\* POLYTECHS internal method

**USAGE**

It is used for food packaging films including kitchen film rolls and supermarket traywraps and also the manufacture of agricultural films such as greenhouse tunnels, where it is usually added to inner skin layer of tunnel.

AF PE GE 10 is compatible with PE, PP or EVA resins.

**RECOMMENDED ADDITION RATES**

AF PE GE 10 is typically used at between 2 and 5 % depending on polymer types, film thickness and environment conditions.

**FOOD CONTACT STATUS**

Films containing AF PE GE 10 are allowed by FDA and BGA regulations for applications in direct contact with food.

**PACKAGING & STORAGE**

Product is packed in 25 kg PE bags on shrink-wrapped pallets of 1375 kg . Product should be stored in a cool place ( less than 30°C), away from direct sunlight. Shelf life is 12 months.

*ED. 10/2008*