



**DATA SHEET / SPECIFICATIONS
ANTIFOGGING MASTERBATCH
AF PE GE 15 DA**

AF PE GE 15 DA is a masterbatch containing 15 % Glycerol Poly Ester in LDPE base resin. Glycerol polyester 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>14 - 16</i>	<i>MO322-700*</i>
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ADDITIONAL TYPICAL PROPERTIES

<i>Appearance</i>	<i>Creamy white dry free flowing pellets</i>	
<i>Melt Index (190°C / 2.16 kg)</i>	<i>About 20 g/10mn</i>	<i>MO1-700*</i>
<i>Moisture content</i>	<i>< 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 (raw meat, chicken, etc) to be stored at very low temperature (3-4°C) It's also used in the manufacture of agricultural films such as greenhouse tunnels, where it is usually added to inner skin layer of tunnel.
AF PE GE 15 DA is compatible with PE, PP or EVA resins.

RECOMMENDED ADDITION RATES

AF PE GE 15 DA is typically used at between 1 and 3 % depending on polymer types, film thickness and environment conditions.

FOOD CONTACT STATUS

Films containing AF PE GE 15 DA are allowed by FDA and european regulations for applications in indirect 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.

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