

# POLYBATCH® AMF 707

## Product Description

Polybatch® AMF 707 is a new generation of process aid concentrate containing 2.5% of fluoropolymer polyethylene based. This process aid, can be used in combination with HALS without promoting any kind of chemical interaction.

### Features

- The fluoropolymer used in the Polybatch® AMF 707 coats the die and barrel metal surfaces which result in the improved "smoother" processing of polyolefins.
- Reduce the melt fracture observed to occur at the film/die interface.
- In injection process Polybatch® AMF 707 reduce the injection cycles and improves the brightness of the products.
- Is also recommended to improve polyolefin's processing by lowering the torque of the extruder often permitting increased running rates.
- Polybatch® AMF 707 contains a fluoropolymer that do not interfere with HALS so can be used in agricultural films.
- Polybatch® AMF 707 allows the temperature profile reduction in extrusion processes.

## General

Material Status	• Commercial: Active
Availability	• Latin America
Uses	• Masterbatch
Processing Method	• Blown Film

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Melt Flow Rate (190°C/2.16 kg)	3.0 g/10 min	3.0 g/10 min	ASTM D1238
Pellet Count	40 pellets/g	40 pellets/g	ASM MA-003-08
Moisture Content	< 1000 ppm	< 1000 ppm	ASTM D6893-03

## Usage

- Injection and extrusion at levels of 1 to 3%.
- Can be used for direct food contact applications at maximum 5%.

## Regulatory

- Polybatch® AMF 707 is made only from FDA recognized materials. Detailed information is available upon request.

## Packaging & Storage

- Polybatch® AMF 707 E is packed in 25 kg polyethylene bags on shrink pallets or Octabin boxes.
- Is recommended that Polybatch® AMF 707 is stored for a maximum of 12 months for optimum performance.