

**POLYBATCH® FILM AMF-703-A**

POLYBATCH® AMF-703-A is a processing aid concentrate containing 3% fluoropolymer copolymer based in LLDPE. This concentrate is designed for use in unfilled systems to reduce/eliminate melt fracture. The fluoropolymer copolymer selectively coats the interior metal surfaces of the die and barrel. This result in smoother processing of HDPE and LLDPE films by reducing the melt fracture often observed in the melt transition region of the bubble. POLYBATCH® AMF-703-A is also recommended to improve processing by lowering the torque of the extruder often permitting increased running rates. The standard practice for use of processing aids is to first add the concentrate at a high level (e.g. 15%) and run for 30 minutes, at low to medium rpm to coat all metal surfaces, then reduce the addition level to 1-2% throughout the run.

Properties	Standard	Parameters	Unit
Appearance			
Pellet Count		70	pellets/gram
Chemical			
Additive Content		3	%
Moisture (Karl Fischer)	ASTM D789	1000 max	ppm
General			
Melt Flow Rate	ASTM D1238	230 °C/2.16 Kg	3 g/10 minutes
Specific Gravity	ASTM D792		0.94

Reported values pertain only to natural resins: pigmenting may vary properties. Pellet cut, size, color, and other properties may vary depending on the manufacturing location.

NOTE: While the information herein is believed to be reliable and correct, nothing herein is intended and should not be construed as a representation of warranty, expressed or implied as to results obtained or to be obtained by others who may make use of this information or with respect to the absence, existence or validity of patent rights, if any of others involving any composition or process herein referred to; or an inducement or recommendation for the violation of any such patent rights; and responsibility therefore is disclaimed.



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- Regulatory Info:** POLYBATCH® AMF-703-A is made only from FDA recognized materials regulated according to 21 CFR 177.1520, 177.1520(c), and 178.2010. POLYBATCH® AMF-703-A may be used at levels up to 3.0% without restrictions for direct food contact applications.
- Storage:** Although no known shelf life has been determined for this concentrate, A. Schulman recommends that inventories are rotated and used within 12 months for optimum performance.
- Packaging:** POLYBATCH® AMF-703-A is typically packaged in polyethylene-lined gaylords or polyethylene bags.
- Hazard:** POLYBATCH® AMF-703-A is not known to contain any hazardous materials as outlined by current OSHA regulations. Please refer to the MSDS for additional safety information.
- Usage:** The standard practice for use of processing aids is to first add the concentrate at a high level (e.g. 15%) and run for 30 minutes, at low to medium rpm to coat all metal surfaces, then reduce the addition level to 1-2% throughout the run.
- Safety:** Please refer to the MSDS for additional safety information.
- Processing:** Available upon request.

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