

**POLYBATCH® FILM FSU-105-E**

POLYBATCH® FSU-105-E is a general-purpose slip/antiblock masterbatch, providing balanced surface properties to LDPE, LLDPE and EVA films. The amide slip agents are extremely pure and are combined with finely dispersed silica grades selected for their optimum optical properties in a 2:1 antiblock to slip ratio.

Properties	Standard	Parameters	Unit
Appearance			
Pellet Count		40	pellets/gram
Chemical			
Additive Content		5	%
Loss on Ignition	ASTM D2584	10	%
Moisture (Karl Fischer)	ASTM D789	190°C	ppm
General			
Bulk Density		±600	g/L
Melt Flow Rate	ASTM D1238	190°C / 2.16 kg	13 g/10 minutes
Specific Gravity	ASTM D792	±0.98	g/cm ³

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® FSU-105-E is made only from FDA recognized materials regulated according to 21 CFR 175.320, 177.1520(c), 178.2010, 178.3860, and 182.90.
- 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® FSU-105-E is typically packaged in polyethylene-lined gaylords or polyethylene bags.
- Hazard:** POLYBATCH® FSU-105-E is not known to contain any hazardous materials as outlined by current OSHA regulations. Please refer to the MSDS for additional safety information.
- Usage:** Depending on the desired slip and antilock effect the recommended letdown ratios are: From 1 to 3% of POLYBATCH® FSU-105-E. Migratory additives such as oleamide and erucamide can cause problems of screw slippage, poor print adhesion, and poor sealing and glueing strengths if over-dosed. It is important to assess the full additive package since other additives may also migrate e.g. antistatic, UV, processing aids which may, when combined, produce the undesirable effects described above.
- Safety:** Please refer to the MSDS for additional safety information.
- Processing:** Information available upon request.

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