

**POLYBATCH® FILM AO-25**

POLYBATCH® AO-25 is a general-purpose antioxidant masterbatch for the thermal stabilization of LDPE, HDPE, LLDPE and EVA. This concentrate should be added during the extrusion process where high temperatures or long residence times cause degradation, cross-linking, gel formation, carbonized particles, and/or loss mechanical properties. POLYBATCH® AO 25 is the preferred stabilizer system for blown film, profile extrusion, etc., where the processing temperature does not exceed 280°C.

Properties	Standard	Parameters	Unit
Chemical			
Moisture (Karl Fischer)	ASTM D789		ppm
General			
Bulk Density		±0.550	g/L
Melt Flow Rate	ASTM D1238	190 °C/2.16 Kg 12	g/10 minutes
Specific Gravity	ASTM D792	±0.93	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® AO-25 is made only from FDA recognized materials regulated according to 21 CFR 177.1520(c), and 178.2010.
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® AO-25 is typically packaged in polyethylene-lined gaylords or polyethylene bags.
Hazard:	Please refer to the MSDS for additional safety information.
Usage:	The addition rate of the POLYBATCH® AO 25 depends on the processing temperature and the residence time of the material in the machine.
Safety:	Please refer to the MSDS for additional safety information.
Processing:	Available upon request.

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