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AX series Anti-block masterbatch

Highly recommend for reducing blocking in films which often occur during film processing as films are wound up tightly or reels are stacked during storage. Formulated with high purity synthetic amorphous silica, it can provide high anti-blocking efficiency while has little effect on film's optical properties. Addition of our AX series antiblock masterbatches will increase the roughness of the film surface thus reducing the contact surface area between film layers.

Product description: AX series anti-block masterbatches are compounded with synthetic amorphous silica with average particle size of 6 μ m. Suitable for film with thickness up to 200 μ m. Intended to be used with single layer or multi-layers blown film extrusion process.

Technical data:

Properties (Units)	AX-50	AX-100	Test method
Polymer carrier	LLDPE	LLDPE	N/A
Additive content	5%	10%	N/A
Density (g/cm ³)	1.00	0.96	ASTM D 792
Melt flow index, 190C/2.16kg (g/10min)	4.8	4.3	ASTM D 1328
Bulk density (g/cm ³)	0.55	0.58	Internal method
Moisture content (PPM)	<600	<600	Internal method

Standard packaging: AX-50 and AX-100 anti-block masterbatches will be delivered in 25kg PE bags or 1000kg big bags. Other packaging and labelling are also available upon request. Product will be arranged on top of wooden pallets for handling.

Storage instruction: Prevent contact with soil, water and avoid exposure to direct sunlight and extreme temperature. Unopened, well packaged bags should be used within 12 months under good storage condition and ambient temperature of 23°C.

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