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MICROMB ANTISTATIC ADDITIVES

Engineered for efficient, high-quality film production

PRODUCT OVERVIEW

MicroMB Antistatic Additives are engineered to eliminate static charge buildup in plastic films, for safety, cleanliness and ease of handling by enhancing surface conductivity and controlled moisture interaction.

It creates a microscopic conductive layer that allows charges to dissipate safely. They ensure smooth processing, stable winding, dust-free surfaces, and improved handling efficiency—without compromising clarity or mechanical properties.

Product Name	Carrier Resin	Additive Type	Additive Loading %	Food Contact Compliance	Applications						Effect
					Flexible Packaging Films	Cast Film	Industrial & Protective Films	Agriculture	Infrastructure	Amine/ Amide Free	
AS 5001	LLDPE	Slow Migrating	5	Yes	•	•	•	•	•	•	Long Term
AS 5009	LLDPE	Slow & Fast Migrating	15	Yes	•	•	•	•	•	•	Short & Long Term
AS 10	LLDPE	Fast Migrating	10	Yes	•	•	•	•	•	•	Short Term
AS 5	LLDPE	Fast Migrating	5	Yes	•	•	•	•	•	•	Short Term
AS-SA 2100	LDPE	Slow & Fast Migrating	10	Yes	•	•	•	•	•		Short & Long Term

KEY FEATURES

Migratory behavior: fast or slow migration for short or long term performance.

Hydrophilic/Hygroscopic properties, forming conductive layer to facilitate static dissipation.

KEY BENEFITS

- Eliminates ESD (electrostatic discharge) damage.
- Prevents dust attraction on film surfaces.
- Enhances product longevity.
- Improves handling and opening (less cling).
- Maintains the aesthetics, clarity, and mechanical strength.

STATIC PERFORMANCE

Without Antistatic Additives

- High static charge buildup
- Dust attraction
- Poor handling and winding performance

With MicroMB Antistatic Additives

- Controlled static dissipation
- Clean, dust-free surfaces
- Smooth processing and handling

WHY MICROMB?

Reliable, consistent antistatic performance designed for modern high-speed film production – delivering stability, efficiency, and quality in every batch.

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Contact Us

info@micromb.com
www.micromb.com

Our Locations

Egypt

Masterpak Nile, a division of
Sanita Consumer
Products Company, member of
INDEVCO Group
6th Industrial Zone, Sadat City
Egypt, CR 58288, Menofia, Egypt

T +20 111 611 6552
+20 111 611 6554

Lebanon

Micro Epsilon, a division of New
Lebanese Company
for Converting Industries s.a.l.,
Masterpak, member
of INDEVCO Group
Zouk Mosbeh, Industrial Complex

P.O. Box 11-2354 Beirut, Lebanon
T +961 9 209 000

Saudi Arabia

Recom, a division of Napco
Packaging Systems Co. Ltd.,
member of Napco National
Phase 4 - 6701 Industrial City
Jeddah, Saudi Arabia

T +966 12 6080 806
+966 12 6378 357
+966 12 6379 842