



CMGulf

Advanced Additive and Color
Solutions for **Agriculture**



Boosting Agricultural Performance with Smart Masterbatch Solutions

Key Functional Masterbatch Solutions

UV Stabilizers | Anti-Fog | Light Diffusion
IR Additives | Antioxidants | Colors

Sustainability That Performs

Our solutions support long-term environmental and economic value:

- ✓ Longer film life, reduced plastic waste
- ✓ Better energy efficiency
- ✓ Recyclability and reduced environmental impact
- ✓ Compatibility with recycled content

Main Applications

Greenhouse Films • Mulch Films • Nets
Silage Films • Irrigation Components • Twines

Your Success Is Our Mission

Reliable, high-performing materials are key to thriving in the field. That’s why we work closely with you, from lab to field, to tailor solutions that meet your exact needs.

- **Global reach** with local support
- **Custom formulations** for your process and climate
- **Decades** of proven performance
- **Expert guidance** when and where you need it
- **Long-term partnerships** to improve resilience and productivity



Masterbatch Solutions for Agriculture Applications

>> This catalog features core solutions designed to address common industry needs. Customized grades are also available to support unique challenges and evolving requirements.

UV

Product	Composition / Active Ingredients	Benefits	Applications
UV2218PE EU	HALS	Recommended for standard conditions with no pesticide contact .	• Greenhouse film/Tunnel • Mulch • Nets • Silage
UV3506PE	HALS + UVA	Recommended for standard conditions with no pesticide contact , offering longer lasting UVA protection.	Greenhouse film/Tunnel
UV3625PE EU	HALS	For long-term UV resistance with low migration, this additive is ideal for monofilaments, fibers, and thin films. It helps maintain mechanical integrity while reducing die buildup for prolonged production and better melt flow control. No pesticide contact .	• Greenhouse film/Tunnel • Mulch • Nets • Silage
UV1587PE EU	HALS + Acid Scavengers	Advanced UV formulation with acid scavengers for moderate chemical environments. Provides medium resistance to pesticides and acids.	• Greenhouse film/Tunnel • Mulch
UV7908PE	HALS + UVA+AO	UV package with antioxidants and UVA for improved thermal and oxidative stability. Suitable for medium pesticide resistance .	Greenhouse film/Tunnel
UV5478PE EU	HALS + UVA	Highly transparent UV masterbatch with UVA. Offers medium resistance to pesticides while preserving film clarity, offering longer lasting UVA protection.	• Greenhouse film/Tunnel • Nets
UV2817PE	HALS + AO	Specialized for silver mulch films. Delivers strong UV protection and medium (+) pesticide resistance .	Mulch
UV9823PE	NOR HALS	Enhanced stabilization for demanding agricultural use. NOR HALS delivers extended durability and high resistance to pesticide exposure , outperforming standard HALS.	• Greenhouse film/Tunnel • Mulch

Product	Composition / Active Ingredients	Benefits	Applications
UV9815PE	NOR HALS + UVA	Effective stabilization for agricultural films, providing high resistance to pesticide exposure where standard HALS fail. Offering longer lasting UVA protection.	Greenhouse film/Tunnel
UV2392PE	NOR HALS + UVA	Effective stabilization for agricultural films, providing very high resistance to pesticides where standard HALS fail. Offering longer lasting UVA protection.	Greenhouse film/Tunnel
UV9916PE EU	NOR HALS	Effective stabilization for agricultural films, providing very high resistance to pesticides where standard HALS fail.	• Greenhouse film/Tunnel • Mulch
UV8885PE EU	HALS, UVA, CO-Stabilizers	Features new, advanced stabilization that outperforms standard HALS. Effectively protects films even under high agrochemical exposure (up to 2,500 ppm S), where conventional HALS stabilizers are not sufficient. Offers high resistance to pesticides.	Greenhouse film/Tunnel
UV0007PE	Ni-Quencher + UVA	Excellent UV MB with superb light and heat stability. Ideal for polyethylene agricultural films, resisting pesticides and acidic greenhouse conditions. Has a greenish tint. Provides high resistance to pesticides.	Greenhouse film/Tunnel
UV0163PE	Ni-Quencher + HALS + UVA	A special mixture that significantly improves chemical resistance, making it ideal as an antiviral solution for greenhouse films. Provides high resistance to pesticides.	Greenhouse film/Tunnel

Anti-Fog

Product	Composition / Active Ingredients	Benefits	Applications
AF8887PE EU	Anti-fog agent	Maximizes light transmission and shields crops from sunburn. By keeping foliage dry, helps avert plant diseases. This technology is specially designed for both cold and hot climates.	Greenhouse film/Tunnel
AF0615PE EU	Anti-fog agent	Maximizes light transmission and shields crops from sunburn. By keeping foliage dry, helps avert plant diseases. This technology is specially designed for cold climate.	Greenhouse film/Tunnel

Anti-Mist

Product	Composition / Active Ingredients	Benefits	Applications
AF5413PE	Anti-mist agent	PFAS-free anti-mist designed to prevent the mist formation inside the greenhouse when using an anti-fog agent in the films.	Greenhouse film/Tunnel

Anti-Dust

Product	Composition / Active Ingredients	Benefits	Applications
IP8866PE EU	Surface agents	Prevents dust accumulation on greenhouse films, reducing cleaning needs and maintaining optimal light transmission.	Greenhouse film/Tunnel

Tie

Product	Composition / Active Ingredients	Benefits	Applications
TOPFUSION PE212 EU	MAH grafted PE	High concentration. Suitable for blown and cast. Excellent adhesion strength.	Mulch
TOPFUSION PE305	MAH grafted PE	Ready-to-use, hassle-free. Cost-effective solution.	Mulch
TOPFUSION PE302 EU	MAH grafted PE	High puncture resistance. Ready-to-use, hassle-free.	Mulch

IR

Product	Composition / Active Ingredients	Benefits	Applications
AB7644PE EU	IR active additives	Reduces the cooling rate of the earth and air, helping maintain greenhouse or tunnel temperatures 3 to 4 °C above ambient. IR performance with medium light diffusion.	Greenhouse film/Tunnel
IR6324PE EU	IR + LD active additives	Decreases the cooling rate of the earth and air, therefore preserving temperatures inside the greenhouse or tunnel 3 to 4 °C above ambient temperatures. IR performance with high light diffusion.	Greenhouse film/Tunnel
IR8813PE EU	IR active additives	Help maintain greenhouse or tunnel temperatures 3 to 4 °C above ambient by reducing the cooling rate of the earth and air. Films with high clarity (low diffusion) and very high transparency are obtained using this masterbatch.	Greenhouse film/Tunnel
IR8783PE EU	IR active additives	Cooling masterbatch for greenhouse and tunnel films. Contains an additive that reflects the light in the NIR range. Applying this MB to a greenhouse or tunnel film enables the reduction of up to 5 °C during daytime.	Greenhouse film/Tunnel

Colors

Product	Composition / Active Ingredients	Benefits	Applications
VE52984	Pigments concentrate + UV	Green UV MB for stretch silage film.	Silage
VE800118	White Pigment concentrate + UV	White UV MB for stretch silage film.	• Silage • Mulch
ME82958	White Pigment	White MB for outdoor use.	• Greenhouse film/Tunnel • Mulch • Nets • Silage
ME800800	White Pigment	White MB for mild outdoor use. Cost-effective and reliable.	• Greenhouse film/Tunnel • Mulch • Nets • Silage
ME800229	White Pigment	White MB for outdoor films and extrusion coating.	• Greenhouse film/Tunnel • Mulch
ME72885 EU	Pigments concentrate	Brown photo selective for mulch. Prevents weed growth and increases soil temperature.	Mulch
ME500584	Pigments concentrate	Green photo selective for mulch. Prevents weed growth and increases soil temperature.	Mulch
ME955376 EU	Pigments concentrate	Silver for mulch. Deters insects. This mulch reflects 27% of the light to fruits and plants. Improves color development. It is observed that pomegranate and strawberry fruits are more premontane in colour (increases photosynthesis).	Mulch
ME201154	Pigments concentrate	Yellow for mulch HMF. Yellow color attracts whitefly; as whitefly come into contact with mulch due to sun heat, they are eliminated.	Mulch

Making it Happen Globally.



Innovating for the Future

We are constantly preparing for the challenges of tomorrow, today!

- ✓ Immersing ourselves in your industry to deliver forward-thinking solutions.
- ✓ Customization is key - We'll create the precise solution you need.
- ✓ We heavily invest in cutting-edge machinery and technology to uphold the highest quality standards.
- ✓ Prioritizing sustainability with recyclable, environmentally-friendly products designed for a better future.

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