



ELSEWEDY
POLYMERS

Engineered to Stand Out

Masterbatch and additive solutions that
transform packaging and elevate performance.

About Elsewedy Polymers

Elsewedy Polymers is a specialized arm of **Elsewedy Electric**, focused on the development and supply of polymer compounds for manufacturing applications.

Leveraging the group's industrial capabilities and market reach, Elsewedy Polymers provides reliable, high-performance materials designed to meet the technical and operational requirements of modern packaging production.

160,000 MT

Annual
Production
Capacity

(and growing)

800+ Employees

Driving engineering, production, and operational excellence

37 Production Lines

Ensuring scalable and reliable manufacturing

Exports to 25+ Countries

Serving Manufacturers across Europe, Africa and the Middle East

5 Manufacturing Facilities

Driving engineering, production, and operational excellence

Elsewedy Electric

Elsewedy Electric is a global infrastructure solutions provider, evolving from a local manufacturer of electrical products into an integrated, multi-sector organization.

The group operates across **five core sectors**: Wire, Cable & Accessories, Electrical Products, Engineering & Construction, Digital Solutions, and Infrastructure Investments.

With **31 production facilities** across Africa and Asia, **exports to more than 110 countries**, 19,000 employees, and revenues exceeding **USD 5 billion** in 2025, Elsewedy Electric delivers large-scale, high-quality solutions worldwide.

Why Global Manufacturers Choose Elsewedy Polymers



01. Industrial-Scale Production

With 37 production lines and 160,000 MT annual capacity, we provide the manufacturing scale required to support large industrial supply chains.

02. In-House Testing & Technical Support

Our technical teams provide material testing, simulation, and consultation, ensuring compounds meet the precise needs of each application.

03. Strategic Global Location

Operating from Egypt enables efficient logistics between Europe, Africa, and the Middle East, providing faster market access compared with distant suppliers.

04. Trusted Industrial Heritage

As part of Elsewedy Electric Group, we build on decades of experience supplying materials for manufacturing.

05. Custom Polymer Engineering

We design customized polymer formulations to meet specific application requirements while improving performance and safety.

Food Packaging

Engineered to optimize melt flow, ensure batch-to-batch color consistency, and enhance mechanical durability while maintaining strict hygiene standards throughout the conversion process.

Color Masterbatch

Grade	Color	Polymer Carrier	Heat Stability °C	Filler Content	Typical Dosage (%)	% of Pigment
SE100208C	White	PE	300	Zero	2-6%	70
SE901178F	Black	PE	300	Zero	2-6%	40
SE100393f	White	PE	300	Zero	2-6%	80

Additive Masterbatch

Additive Type	Grade	Carrier	Typical Dosage (%)
Processing Aid MB	SE900574	PE	1-3%
Slip MB	SE900772	PE	1-3%
UV Stabilizer MB	SE900762	PE	Up to 4%
Anti-Oxidant MB	SE900873	PE	Up to 3%
Anti-Block MB	SE900672	PE	1-3%
Anti-Static MB	SE900865	PE	1-3%
Anti-Fog MB	SE901180	PE	2-5%
Anti-Microbial MB	SE900080	PE	Up to 6%
Mechanical Enhancer	SE900798	PE	Up to 10%
Filler MB	SE840001	PE	Up to 30%

Beverage Packaging

Outstanding optical clarity, superior barrier properties, and long-term color stability. Engineered for consistent performance under **high-speed filling**, **capping**, and **sealing** operations.

Available in a wide range of standard colors and specialty effect pigments to meet both functional and brand requirements.

Additive Masterbatch

Additive Type	Grade	Carrier	Typical Dosage (%)
Processing Aid	SE900769	PE	1-3%
Laser Marking	SP100423 White SP901255 Black	PP	Up to 1.5%
UV Stabilizer	SE900748	PE	Up to 4%
Slip MB	SE900772	PE	1-3%
Anti-Oxidant	SE900873	PE	Up to 3%
Anti-Block	SE900813	PE	1-3%
Anti-Static	SE901264	PE	Up to 4%
Purging Material	SE900858	PE	Up to 75%
Mechanical Enhancer	SE900798	PE	Up to 10%
Filler MB	SF840001	PE	Up to 30



General Packaging

Developed to optimize processing efficiency, deliver vibrant and stable coloration, improve tensile and impact strength, and achieve superior surface finish across a wide range of conversion methods.

Masterbatch

Grade	Color	Polymer Carrier	Heat Stability °C	Filler Content	Typical Dosage (%)	% Of Pigment
Bianco 60	White	PE	300	Zero	1-3%	60
SE100208C	White	PE	300	Zero	1-3%	70
Bianco62	White	PE	300	20	1-3%	60
Bianco44	White	PE	300	40	1-3%	40
SB50000	Black	PE	300	Zero	1-3%	50
SB40000	Black	PE	300	Zero	1-3%	40
SE900711	Black	PE	300	Zero	1-3%	60
SE900944F	Processing Aid	PE	-	-	1-3%	-
SE900762	UV Stabilizer	PE	-	-	Up to 4%	-
SE900772	Slip MB	PE	-	-	1-3%	-
SE900672	Anti-Block	PE	-	-	1-3%	-
SE900865	Anti-Static	PE	-	-	Up to 4%	-
SE900873	Anti-Oxidant	PE	-	-	Up to 3%	-
SE901271	Odor Absorber	PE	-	-	Up to 2%	-
SDM70000	Desiccant MB	PE	-	-	Up to 2%	-
SE900858	Purging Material	PE	-	-	Up to 75%	-
SE900080	Anti-Microbial	PE	-	-	Up to 6%	-
SE901180	Anti-Fog MB	PE	-	-	1-5%	-
SE900798	Mechanical Enhancer	PE	-	-	Up to 10%	-
SF840001	Filler MB	PE	-	-	Up to 30%	-



Cosmetics & Hygiene Packaging

Formulated to deliver rich color depth, consistent surface finish, and full fragrance compatibility with zero migration risk. Every grade meets strict skin-contact compliance and dermatological safety requirements.

Color Masterbatch

Grade	Color	Polymer Carrier	Heat Stability °C	Typical Dosage (%)	% of pigment
SP100427F	White	PP	300	2-6%	70
SE100208C	White	PE	300	2-6%	60
SE600906	Green	PE	280	2-6%	---
SP600907	Green	PP	280	2-6%	---

Additive Masterbatch

Additive Type	Grade	Carrier	Typical Dosage (%)
Anti-Oxidant	SE900873	PE	Up to 3%
Anti-Static	SE900865	PE	Up to 4%
Anti-Block MB	SE900813	PE	1-3%
Purging Material	SE901279	PE	Up to 75%
Anti-Microbial	SE900080	PE	Up to 6%
Softner MB	SP901257	PE	1-3%
Filler MB	SE840001	PE	Up to 30%
Slip MB	SE900772	PE	1-3%



Detergents & Chemical Packaging

Engineered to perform in direct contact with aggressive surfactants, solvents, and corrosive formulations. Developed to deliver superior **chemical resistance**, **environmental stress-crack resistance (ESCR)**, and **UV stability**, ensuring long shelf-life performance under demanding storage conditions.

Each grade is tailored to maintain full structural integrity from high-speed filling through end-use handling.

Additive Masterbatch

Additive Type	Grade	Carrier	Typical Dosage (%)
Laser Marking	SP100423 White SP901255 Black	PP	Up to 1.5%
UV Stabilizer	SE900748	PE	Up to 4%
Mold release MB	SE901366	PE	Up to 3%
Anti-Oxidant	SE900873	PE	Up to 3%
Odor Absorber MB	SE901271	PE	Up to 2%
Anti-Static	SE900865	PE	Up to 4%
Purging Material	SE901279	PE	Up to 75%
Mechanical Enhancer	SE900798	PE	Up to 10%
Filler MB	SF840001	PE	Up to 30%



Industrial Bags



Engineered to meet the rigorous demands of industrial bag production, including heavy-duty sacks, FFS bags, and bulk packaging. Formulated to deliver consistent melt flow, high mechanical strength, and excellent tear and puncture resistance under demanding load conditions.

Each grade ensures stable processing behavior across extrusion and conversion lines for reliable, high-volume output.

Color Masterbatch

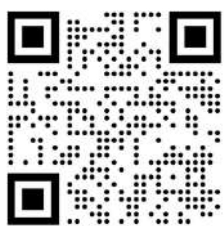
Grade	Color	Polymer Carrier	Heat Stability °C	Typical Dosage (%)	% of pigment
SB40000	Black	PE	300	1-3%	40
Bianco62	White	PE	300	1-3%	60

Additive Masterbatch

Additive Type	Grade	Carrier	Typical Dosage (%)
Desiccant	SDM7000	PE	Up to 2%
Processing Aid	SE900769	PE	1-3%
Flame Retardant	SE901103	PE	Up to 20%
UV Stabilizer	SE900762	PE	Up to 3%
Anti-Oxidant	SE900873	PE	Up to 3%
Odor Absorber	SE901271	PE	Up to 2%
Anti-Static	SE900865	PE	Up to 4%
Anti-Block MB	SE900672	PE	Up to 3%
Purging Material	SE900858	PE	Up to 75%
Mechanical Enhancer	SE900798	PE	Up to 10%
Slip MB	SE900772	PE	1-3%
Anti-Microbial	SE900080	PE	Up to 6%
Filler	SF840001	PE	Up to 30%



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Management and Factories:

Address: P.C. No. 36 / 37 / 38 Industrial
A6, 10th of Ramadan city, Egypt

Phone: +20 55 4411 631 - 4412 131

Fax: +20 55 4411 629

Customer Service:

Phone: +20 10 2070 7777 / +20 12 0777 7270

Email: polymers@elsewedy.com

Website: elsewedypolymers.com