



ELSEWEDY
POLYMERS

Engineered to Build

Compounds & Masterbatch Solutions for
Modern Construction

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 construction.



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.

Pipes

Piping systems require long-term durability to withstand pressure, weather, and continuous use. Elsewedy Polymers provides PVC compounds and masterbatch solutions that enhance durability, weather resistance, and processing performance.

PVC Compound

Grade	Color	Hardness (Shore D)	Density (g/cm ³)	Elongation (%)	Thermal Stability (200°C/min)
CR540289/P	White	78	1.52	15	45
CR540290/P	White	78	1.54	12	45

Masterbatch

Grade	Description	Polymer Carrier	Heat Stability °C	Typical Dosage %	% Of pigment
SE900669	Black	PE	300	4-6 %	40
Bianco 60	White	PE	300	1-4 %	60
SP100367F	White	PP	300	1-4 %	60
SP600703	Green	PP	260	1-2 %	-
SE900769	Processing Aid	PE	-	1-3%	-
SE901103	Flame Retardant	PE	-	Up to 20%	-
SE900748	UV Stabilizer	PE	-	Up to 4%	-
SE900873	Anti-Oxidant	PE	-	Up to 3%	-
SP100423 White	Laser Marking	PP	-	Up to 1.5%	-
SP901255 Black	Laser Marking	PP	-	Up to 1.5%	-
SE900858	Purging Material	PE	-	Up to 75%	-
SE900798	Mechanical Enhancer	PE	-	Up to 10%	-
SE900080	Anti-Microbial	PE	-	Up to 6%	-
SF840001	Filler MB	PE	-	Up to 30 %	-



Fittings

Pipe fittings require strength and dimensional accuracy to ensure reliable connections. Elsewedy Polymers offers PVC compounds and masterbatch solutions that support consistent quality and efficient processing.

PVC Compound

Grade	Vicat soft temperature (°C)	Hardness (Shore D)	Density (g/cm ³)	Elongation (%)	Tensile (N/mm ²)	Thermal Stability (200°C/min)
CR410268	77	75	1.43	18	23	45
CR420004	80	77	1.46	15	20	50

Masterbatch

Grade	Description	Polymer Carrier	Heat Stability °C	Filler Content	Typical Dosage (%)	% Of pigment
SE900669	Black	PE	300	Zero	4-6 %	40
Bianco 60	White	PE	300	Zero	1-4 %	60
SP100367F	White	PP	300	Zero	1-4 %	60
SP600703	Green	PP	260	Zero	1-2 %	-
SE900769	Processing Aid	PE	-	-	1-3%	-
SE900748	UV Stabilizer	PE	-	-	Up to 4%	-
SE900873	Anti-Oxidant	PE	-	-	Up to 3%	-
SP100423 White	Laser Marking	PP	-	-	Up to 1.5%	-
SP901255 Black	Laser Marking	PP	-	-	Up to 1.5%	-
SE900858	Purging Material	PE	-	-	Up to 75%	-
SE900798	Mechanical Enhancer	PE	-	-	Up to 10%	-
SE901103	Flame Retardant	PE	-	-	Up to 20%	-
SE900080	Anti-Microbial	PE	-	-	Up to 6%	-
SF840001	Filler MB	PE	-	-	Up to 30 %	-



Profiles

Construction profiles are exposed to changing weather and prolonged outdoor conditions. Elsewedy Polymers provides solutions that improve weatherability, color consistency, and long-term performance.

PVC Compound for soft profiles

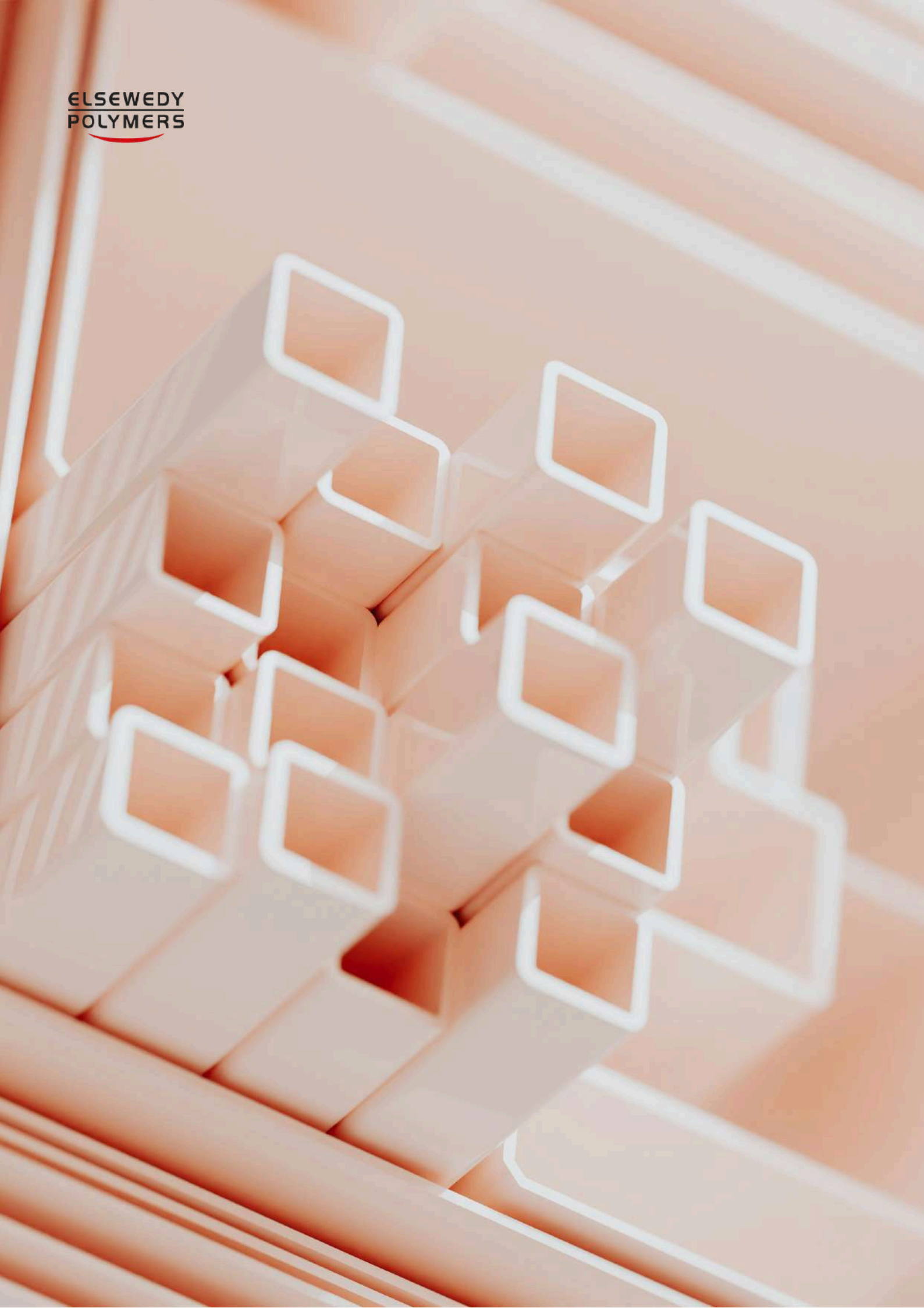
Grade	Hardness (Shore A)	Density (g/cm ³)	Elongation (%)	Tensile (N/mm ²)	Thermal Stability (200°C/min)
CS200233	60	1.35	300	11	45
CS200148	70	1.4	250	12.5	45

PVC Compound for rigid profiles

Grade	Hardness (Shore D)	Density (g/cm ³)	Elongation (%)	Tensile (N/mm ²)	Thermal Stability (200°C/min)
CR200048	75	1.35	20	30	50
CR200340	77	1.64	20	25	45

Masterbatch

Grade	Description	Polymer Carrier	Heat Stability °C	Filler Content	Typical Dosage (%)	% Of pigment
SE900669	Black	PE	300	Zero	4-6 %	40
Bianco 60	White	PE	300	Zero	1-4 %	60
SP100367F	White	PP	300	Zero	1-4 %	60
SE900769	Processing Aid	PE	-	-	1-3%	-
SE900748	UV Stabilizer	PE	-	-	Up to 4%	-
SE900873	Anti-Oxidant	PE	-	-	Up to 3%	-
SP100423 White	Laser Marking	PP	-	-	Up to 1.5%	-
SP901255 Black	Laser Marking	PP	-	-	Up to 1.5%	-
SE900858	Purging Material	PE	-	-	Up to 75%	-
SE900080	Anti-Microbial	PE	-	-	Up to 6%	-



Geomembrane

Geomembranes require excellent resistance to chemicals, UV exposure, and environmental stress. Elsewedy Polymers offers masterbatch solutions that enhance durability and outdoor performance.

Masterbatch

Grade	Description	Polymer Carrier	Heat Stability °C	UV Performance	Typical Dosage (%)	% Of pigment
SE900669	Black	PE	300	Regular	4-6 %	40
SE900668	Black	PE	300	High	4-6 %	40
SE900711	Black	PE	300	Regular	4-6 %	60
SE900748	UV Stabilizer	PE	-	-	Up to 4%	-
SE901254	Anti-Oxidant	PE	-	-	Up to 4%	-
SE901279	Purging Material	PE	-	-	Up to 75%	-

Geogrid

Geogrids must maintain their strength under heavy loads and harsh environments. Elsewedy Polymers provides masterbatch solutions that improve durability, UV stability, and processing efficiency.

Masterbatch

Grade	Description	Polymer Carrier	Typical Dosage (%)
SE900769	Processing Aid	PE	1-3%
SE900760	UV Stabilizer	PE	Up to 4%
SE901254	Anti-Oxidant	PE	Up to 3%
SE900798	Mechanical Enhancer	PE	Up to 10%
SE901279	Purging Material	PE	Up to 75%



Tanks

Water tanks are continuously exposed to sunlight and outdoor conditions. Elsewedy Polymers offers color and additive masterbatch solutions that improve UV resistance, weatherability, and color retention.

Masterbatch

Grade	Description	Polymer Carrier	Heat Stability °C	Filler Content	Typical Dosage (%)	Carbon Black %
Bianco 60	White MB	PE	300	Zero	1-3%	-
SE900669	Black MB	PE	300	Zero	2-6 %	40
SE700001	Blue MB	PE	260	Zero	1-3%	-
SE900769	Processing Aid	PE	-	-	1-3%	-
SE901103	Flame Retardant	PE	-	-	Up to 20%	-
SE900748	UV Stabilizer	PE	-	-	Up to 4%	-
SE900873	Anti-Oxidant	PE	-	-	Up to 3%	-
SE900865	Anti-Static	PE	-	-	Up to 4%	-
SE901271	Odor Absorber	PE	-	-	UP to 2%	-
SE900858	Purging Material	PE	-	-	Up to 75%	-
SE900798	Mechanical Enhancer	PE	-	-	Up to 10%	-
SE900080	Anti-Microbial	PE	-	-	Up to 6%	-



Paint Buckets

Paint buckets require durability, consistent color, and an attractive finish. Elsewedy Polymers provides masterbatch solutions that enhance appearance, scratch resistance, and processing stability.

Masterbatch

Grade	Description	Polymer Carrier	Heat Stability °C	Filler Content	Typical Dosage (%)	% of Pigment
SE100343	White	PE	300	-	1-3%	-
SB35300	Black	PE	300	30	2-5%	35
SE900769	Processing Aid	PE	-	-	1-3%	-
SE900748	UV Stabilizer	PE	-	-	Up to 4%	-
SE900873	Anti-Oxidant	PE	-	-	Up to 3%	-
SP100423 White SP901255 Black	Laser Marking	PP	-	-	Up to 1.5%	-
SE900858	Purging Material	PE	-	-	Up to 75%	-
SE900798	Mechanical Enhancer	PE	-	-	Up to 10%	-
SE901271	Odor Absorber	PE	-	-	Up to 2%	-
SE900865	Anti-Static	PE	-	-	Up to 4%	-
SE900080	Anti-Microbial	PE	-	-	Up to 6%	-
SF840001	Filler MB	PE	-	-	Up to 30%	-



Ceilings

Ceiling panels require dimensional stability and long-lasting appearance. Elsewedy Polymers offers PVC compounds and masterbatch solutions that ensure consistent quality and smooth surface finishes.

PVC Compound

Grade	Color	Hardness (Shore D)	Density (g/cm ³)	Elongation (%)	Tensile (N/mm ²)	Thermal Stability (200°C/min)
CR200416	White	75	1.57	35	20	50
CR200440	Gray	76	1.54	40	25	50

Windows + Gaskets

Windows & gaskets must provide reliable sealing while withstanding changing weather conditions. Elsewedy Polymers supplies PVC compounds that deliver durability, flexibility, and weather resistance.

PVC Compound

Grade	Color	Hardness (Shore A)	Density (g/cm ³)	Elongation (%)	Tensile (N/mm ²)	Thermal Stability (200°C/min)
CS200178	Gray	70	1.47	300	11	50
CS200232	Gray	65	1.38	350	12	45



Artificial Grass

Artificial grass is exposed to sunlight and continuous outdoor use. Elsewedy Polymers offers color and additive masterbatch solutions that improve UV stability, weather resistance, and color retention.

Masterbatch

Grade	Description	Polymer Carrier	Typical Dosage (%)
SE900769	Processing Aid	PE	1-3%
SE900748	UV Stabilizer	PE	Up to 6%
SE900873	Anti-Oxidant	PE	Up to 4%
SE901103	Flame Retardant	PE	Up to 20%
SE900813	Anti-Block	PE	1-3%
SE901264	Anti-Static	PE	1-3%
SE900858	Purging Material	PE	Up to 75%

Water Stop

Water stops require flexibility and strength to prevent water leakage in concrete structures. Elsewedy Polymers provides flexible PVC compounds that ensure reliable sealing performance.

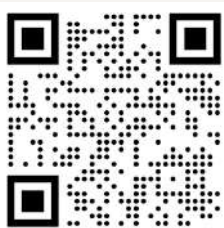
PVC Compound

Grade	Color	Hardness (Shore A)	Density (g/cm ³)	Elongation (%)	Tensile (N/mm ²)	Thermal Stability (200°C/min)
CS141175	Gray	76	1.46	300	12	45
CS140561	Blue	76	1.39	250	15	45





ELSEWEDY
POLYMERS



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: <https://elsewedypolymers.com>