



**Plastic
Compounds and
Masterbatch**



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About Elsewedy Electric

A global leader that has evolved from a local manufacturer of electrical products into an integrated infrastructure solutions provider; with over 19,000 employees and with recorded revenues of more than USD 5.13 billion in 2024. We Operate in five key business sectors: Wire, Cable & Accessories, Electrical Products, Engineering & Construction, Digital Solutions, and Infrastructure Investments. With a strong presence in 19 different countries, 34 production facilities spread across African and Asian countries including Egypt, Algeria, KSA, Qatar, Indonesia, Pakistan, and Tanzania.

We export a wide range of high-end products to over 110 countries worldwide. At the heart of our approach is an all-in-one integrated Engineering, Procurement & Construction (EPC) service, enabling us to deliver the most complex turnkey projects on time and with the highest efficiency.



We operate in five key business sectors:



**Wire, Cable
and Accessories**



**Electrical
Products**



**Engineering
and Construction**



**Digital
Solutions**



**Infrastructure
Investments**

About Elsewedy Polymers

Elsewedy Polymers was established in 1996 as a subsidiary of Elsewedy Electric.

We create polymers compounding and processing for a sustainable future. We combine economic success with environmental protection and social responsibility. The approximately 800 employees work on contributing to the success of our customers in various sectors locally and worldwide. Our portfolio is organized into five segments: (PVC Compound / Masterbatch / Special Compounds / PP Fibers / Fiberglass Poles)

Elsewedy Polymers is considered one of the largest Manufacturers of Plastic Compounds in the Middle East and Africa, With high dedications to PVC Compound, Special Cable Compounds and Masterbatch, for various applications with annual production capacity 150000 Tons.



5

Factories



+800

Employees



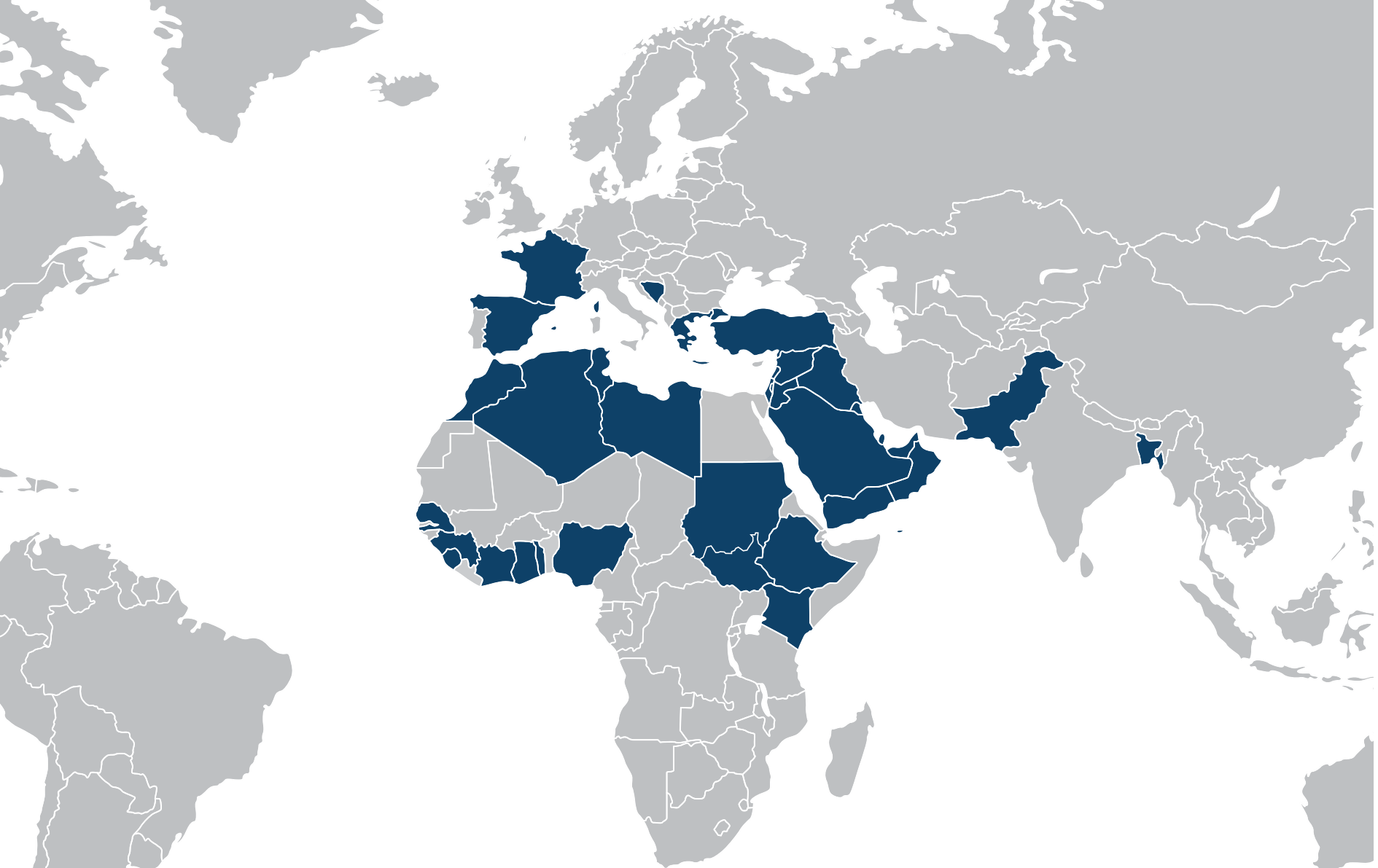
37

Production lines



34

Export Markets



- | | | | | | | |
|---|--|--|--|--|---|--|
|  Morocco |  Yemen |  Guinea |  Romania |  Palestine |  Pakistan |  UAE |
|  Algeria |  Oman |  Sierra Leone |  Sudan |  Lebanon |  Cote d'Ivoire |  Italy |
|  Tunisia |  Kuwait |  Bahrain |  Brazil |  Cape Verde |  France |  KSA |
|  Libya |  Jordan |  Ghana |  Tanzania |  Spain |  Cyprus |  Portugal |
|  Senegal |  Angola |  Togo |  Kenya |  Turkey |  Qatar | |

In 2015 the company acquired two factories to expand its product range both established in 1998 by German technology. The first was the Fiberglass Poles factory, equipped with two production lines with an annual production capacity of 24K poles, covering various applications, and the second was the Polypropylene Fiber factory, equipped with three production lines with an annual production capacity reaching 17K tons for both twisted & untwisted PP filling yarn for cables industry.

While in 2021, Elsewedy Electric decided to strengthen its market footprint by establishing a new factory for ELSEWEDY POLYMERS specialized in the masterbatch production, with the support of its global expertise, state of the art production lines & labs.

ELSEWEDY POLYMERS is ISO 9001, ISO 14001 and ISO 45001 certified, ISO 50001 supplying materials according to RoHS and REACH regulations, with state of the art production facilities and modern laboratories, assuring high quality control levels while providing specialized compounds tailored to customer's specific needs in compliance with international standards of quality, safety, environmental regulations.



ISO 90001



ISO 45001



ISO 14001



ISO 50001





PRODUCT RANGE & APPLICATIONS

PVC Compound

Soft PVC Compound for Electric Wires and Cables

General Purpose:

- Insulation
- Sheathing / Jacketing
- Bedding / Filling

Specifications:

- Flame Retardant
- Low Halogen
- Oil Resistant
- Moisture and Chemical Resistant
- Ozone resistant
- UV resistant
- Anti-termite and rodent
- Hydrocarbon Resistant
- Automotive





Soft PVC Compound for Non-Cable Applications

For Hoses



Garden Hoses

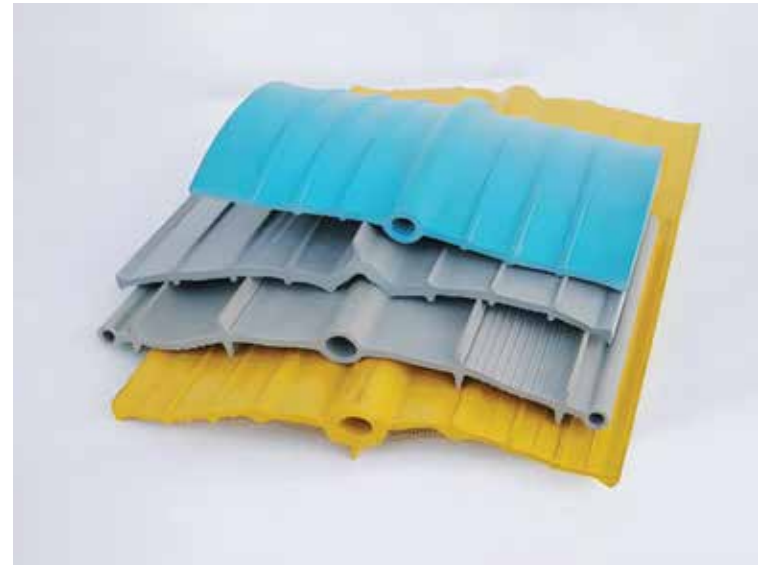


Suction Hoses

Soft Profiles



Gaskets and Seals



Water Stops

For Footwear



Shoes



Shoe Soles



Sandals and Slippers

PVC Compound

Rigid Compounds (Higher Rigidity Compounds)

UPVC Profiles:



Door and Window



Duct



Ceiling

PVC Fittings:



Electrical Accessories



Gutters



Pipe Fittings



Masterbatch

Coloring Masterbatch:

We have the expertise and technical capability required to produce an exact colour match for more than 3000+ different color degrees

Product range:

White, black, colors, & additives masterbatch

Applications:

- Blown film
- Cast & coating film
- Blow molding
- Injection molding
- Sheet extrusion
- And others

Special Effects Masterbatch:

- Metallic
- Transparent
- Fluorescent
- Pearlescent
- Matt
- Paper touch





SECTORS WE SERVE

Packing and Packaging



Food Packaging



Hygiene



General Packaging



Cosmetics



Beverages



Chemicals



Detergents

Construction



Geomembrane



Pipes



Tanks



Profiles

Agriculture



Greenhouses



Mulch Film



Irrigation Pipes and Accessories

Fibers & Textiles Non-Woven



Non-Woven



Raffia



Ropes



Artificial Grass

Electrical



Wires & Cables



Home Appliances

Household, Disposables & Others



Plastic Furniture



Matts



Dining Items



Toys



Sport Equipment



Cleaning Items





Special Compounds

LV-XLPE

Low Voltage: Our silane cross-linkable XLPE is designed for low voltage cables, including aerial cables and LAN cables, offering excellent processing, testing, and curing properties for power and overhead applications. The base material is combined with the catalyst masterbatch, which increases the moisture present in the crosslinking reaction. The system is highly active and crosslinks forms quickly in sauna, hot water or humidity.

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We manufacture a special grade of color masterbatch suitable for XLPE-LV.

MV-XLPE

Medium Voltage: Our peroxide cross-linkable XLPE is tailored for medium voltage power cables, ensuring superior contamination control, cleanliness and precision handling maintaining high levels of cable processing.





Low Smoke Zero Halogen, Halogen Free Flame Retardant LSZH/HFFR Compound

Halogen free flame retardant (HFFR), low smoke zero halogen (LSZH), low smoke & fume (LSF) are all names associated with compounds used extensively in the cable industry according to IEC - BS - VDE - DIN - HD.

They are highly used as replacements for PVC and other halogenated polymers for applications where low smoke and low acid gas evolution is crucial especially during fire situations.

Our compounds are used in underground / over ground railways, airports, ships, offshore rigs or in public buildings & open spaces.





Non-sticky Polyolefin Filling Compound for Cables

Main characteristics:

- Non-Sticky
- Ease of process
- Halogen free
- Eliminates the use of talcum powder
- More compatible with OHS than PVC
- Excellent surface finish
- Can be extruded on two step extrusion
- Easily Strippable
- High machine output
- Low torque requirement
- Excellent solution for cost reduction

PP Fibers (Polypropylene fiber)

PP filling yarn for multi-core cables

We started manufacturing PP fibers since 1998, using German technology producing a white color filling yarn in equal composition, without lumps, thin spots or any irregularities. polypropylene fiber can tolerate enough tensile strength and elongation with no cracks or damage during the processing.

- 3 Production lines.
- 17K tons annual production capacity.
- Compatible with XLPE, PVC and Copper.
- 105C maximum continuous operating temperature.
- 90C maximum conductor temperature.
- Sizes range up to 1000,000 deniers for untwisted and up to 13 mm for twisted PP yarn.









Fiberglass Poles

Manufacturing fiberglass poles up to 14 meters long in different arm types and colors, with a choice of direct burial or anchor base.

+30,000 poles annual production capacity, covering various applications.

Applications & product range:

- Street lighting poles and arms
- Decorative poles, arms and bases
- Solar energy poles
- Flood lighting poles and arms
- Flag poles
- Traffic poles, signs and signals
- Power transmission poles



Street Lighting Poles



Decorative Poles



Solar Energy Poles



Flood lighting Poles



Traffic Signs



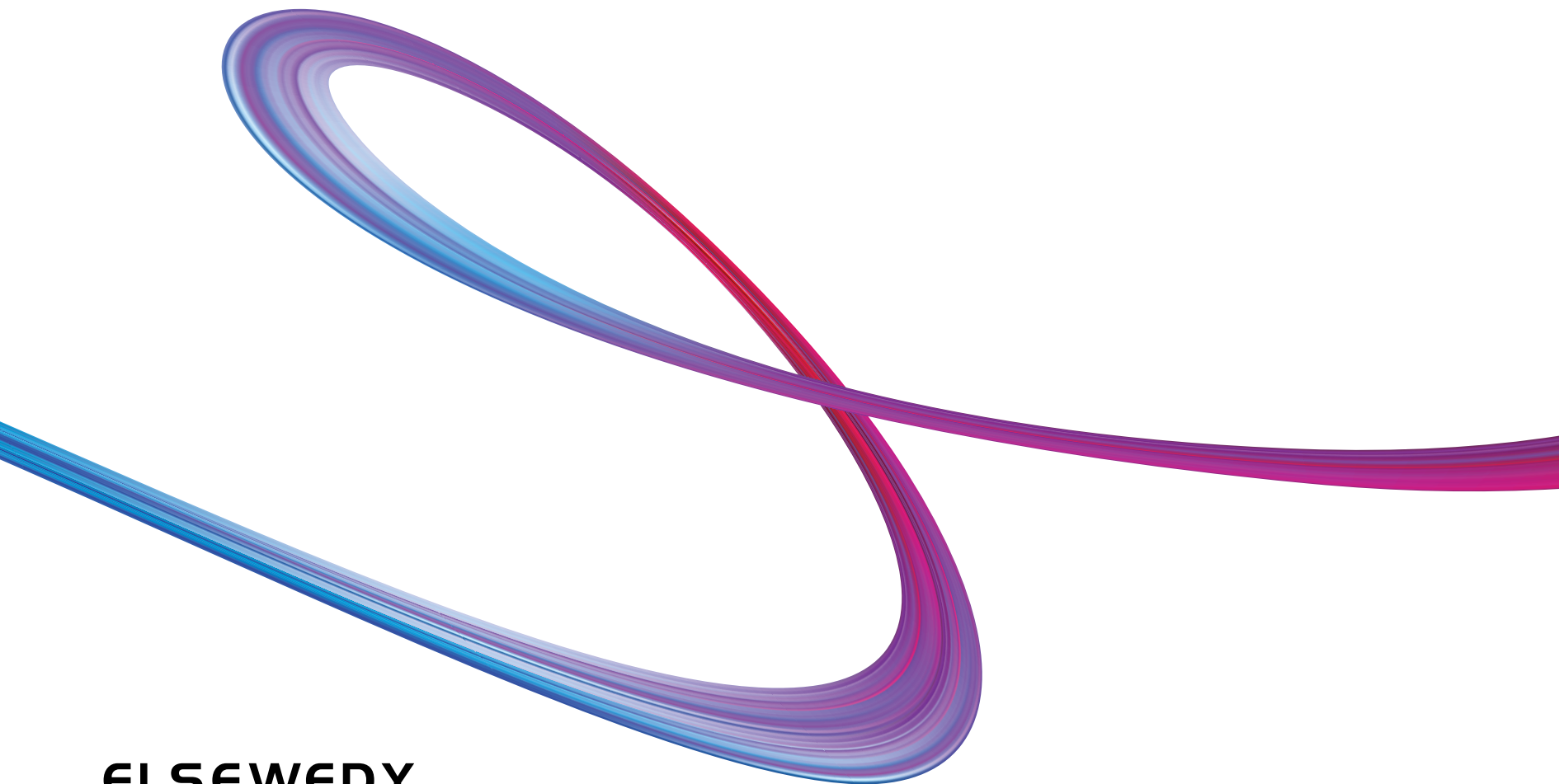
Power Transmissions
Poles



Flag Poles

Advantage:

- Long life span
- Electrically isolated
- Light weight
- Ease and speed of handling and installation
- Diversity and stability of colors
- Anti-rust
- High resistance to wind up to 160 KM/H
- Economically efficient
- Attractive Designs with the ability to print on poles
- High resistance to bending and curvature
- Resistance to Ultra-violet Rays
- High safety level to Human and Environment



ELSEWEDY POLYMERS

**Management and Factories:**

P.C. No. 36 / 37 / 38 Industrial A6
10th of Ramdan city, Egypt
Tel. : +2055 4411 631 - 4412131
Fax: +2055 4411 629

Customer Service:

Tel.: +2010 2070 7777 - 012 0777 7270
Email: polymers@elsewedy.com
Website: www.elsewedypolymers.com

 **19159**

www.elsewedyelectric.com


Go green

