



Specialists in Colour & Additive Masterbatch





ABOUT US

EnerPlastics LLC (EP) was established in Jebel Ali Industrial Area, Dubai, U.A.E. in 1999 to manufacture additives and colour masterbatches for the plastics converting industries.

Today EnerPlastics is one of the largest Masterbatch producers in the Middle East with sales in more than 58 countries in the Middle East, Europe, Asia and Africa.



OUR VISION

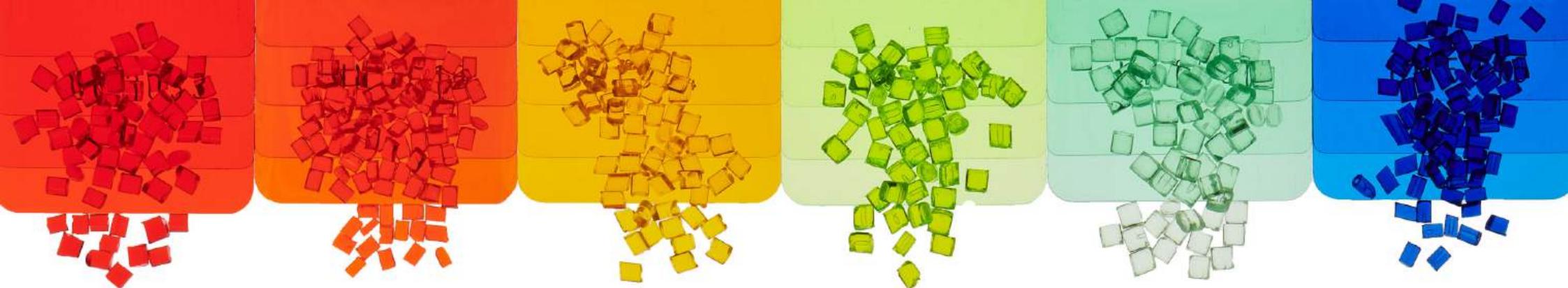
EnerPlastics focus is on growth towards a richer, cleaner and greener environment.

We believe in expanding the sphere of our operations to create cutting edge innovations for the responsible use of plastics and to make the planet safer for living for future generations.

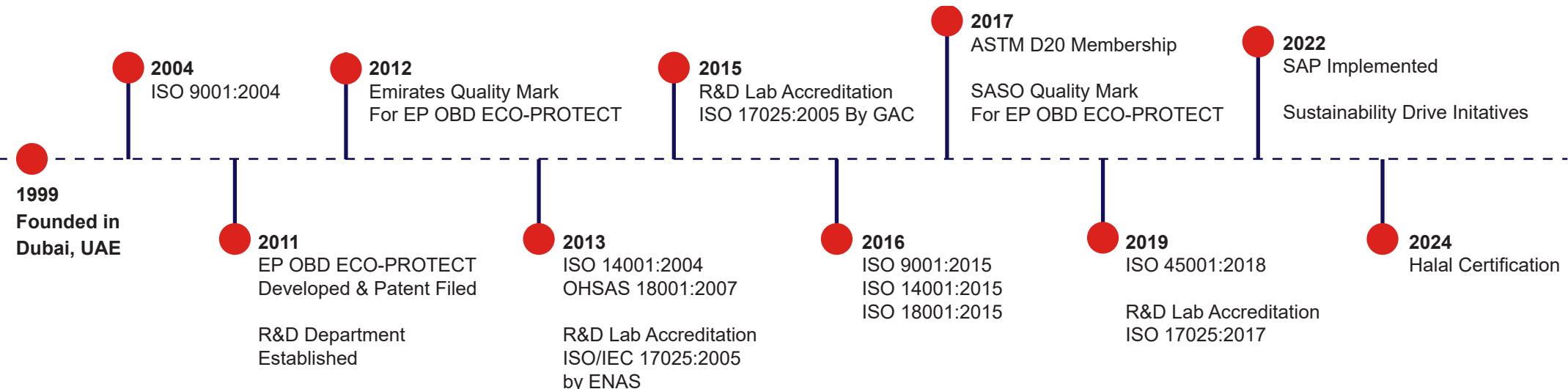
OUR MISSION

EnerPlastics is continuously striving for excellence in developing custom-made products to satisfy the market and customers demands.

Our customers recognize and appreciate that we add value to their businesses.



OUR HISTORY



ISO CERTIFICATIONS



ESMA CERTIFICATION

EnerPlastics has been accredited by Ministry of Industry and Advanced Technology (MOIAT) and Emirates Conformity Assessment Program (ECAS) since 2012.

This certification acknowledges our compliance with the UAE.S5009, UAE.ASTM D6954 standards and requirements, affirming our commitment to quality.

As a result we are honoured to showcase the prestigious Emirates Quality Mark (EQM) on our Oxo-Biodegradable Masterbatch products (EP-OBD ECO-PROTECT).



علامة الجودة الإماراتية
Emirates Quality Mark



S A S O C E R T I F I C A T I O N

EnerPlastics has been certified by the Saudi Standards, Metrology and Quality Organization (SASO) since 2017.

This certification acknowledges our compliance with the SASO 2879/2016 standards and requirements, affirming our commitment to quality.

As a result we are honoured to showcase the prestigious SASO Jeem Quality Mark on our Oxo-Biodegradable Masterbatch products (EP-OBD ECO-PROTECT).



HALAL CERTIFICATION

EnerPlastics has been Halal certified by ACTS since 2024. This certification acknowledges our compliance of registered products in accordance with Halal Food-

Part 1: General requirements (GSO 2055-1/2015), Food.

Packages- Part 1: General requirements (GSO 839/2021) and general principles of food hygiene (GSO 1694/2005).



ISO 17025 ACCREDITED ADVANCE LAB FOR R & D

EnerPlastics operates a state-of-the-art, ISO 17025:2017 accredited Advanced Laboratory dedicated to the research, design and development of customized masterbatch solutions for a wide range of plastic applications.

Our laboratory is equipped with cutting-edge analytical, physical, mechanical and artificial weathering instruments, supporting innovation in polymer materials and their end-use performance.

Key capabilities include:

- Spectroscopic Analysis: FTIR, EDXRF and Colour Spectrophotometers.
- Thermal Characterization: TGA and DSC
- Microscopy & Optical Testing: Optical Microscope, Haze and Transmittance Meters.
- Mechanical & Physical Testing: UTM, COF Tester.
- Weathering & Durability Testing: Xenon arc, UV, Photo-oxidation and Thermal Weatherometers.

This robust infrastructure enables us to develop high-performance, application-specific polymer solutions with precision and reliability.



HIGH-TECH LABS FOR QC, DESIGN & DEVELOPMENT

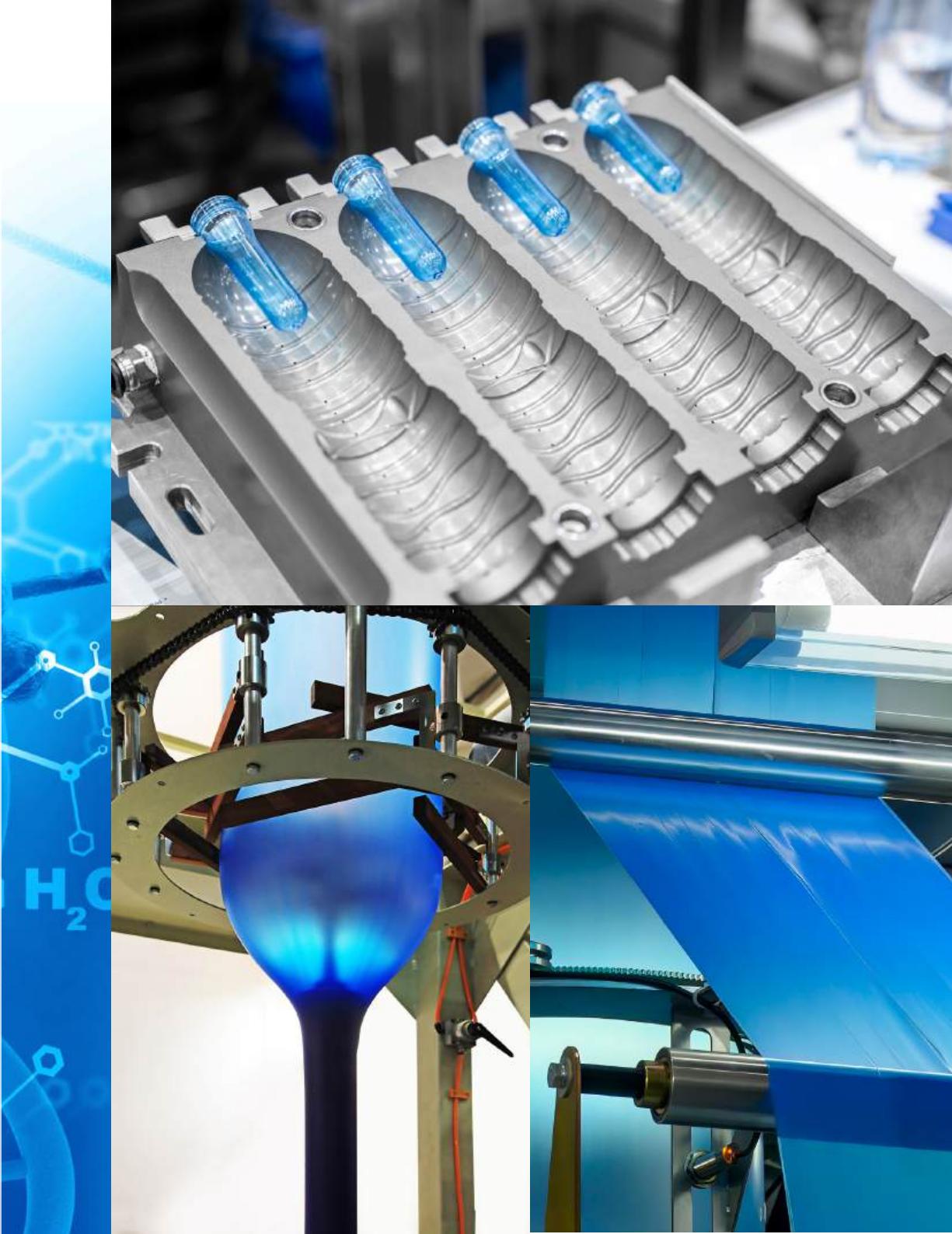
EnerPlastics is a leader in colour and additive masterbatch innovation, offering a portfolio of over 30,000 colours. Our state-of-the-art pilot plant facilities allow us to develop a diverse range of masterbatch solutions for various plastic processing applications, including:

- Blow and Cast Film.
- Fibers.
- Blown Bottles.
- Stretch Blow Moulding for PET.
- Injection Moulding Including Caps & Closures.

These facilities enable the creation of accurate, production-ready prototypes by replicating real manufacturing conditions.

Our fully equipped Quality Control laboratory supports rigorous testing of plastics with capabilities including Melt Flow Index (MFI), Colour Spectrophotometry, Moisture Analysis, Specific Gravity Measurements and more.

This integrated approach ensures we deliver highly customized, reliable and application-specific masterbatch solutions to our clients.



OUR COLLABORATIONS





PRODUCT RANGE

ADDITIVES

- Antioxidants
- Anti-Block
- Anti-Fog
- Antimicrobial
- Acetaldehyde Reducer
- Anti-Slip
- Antistatic
- Clarifying Agent
- Desiccant
- Fragrance
- Frost
- Flame Retardants
- Foaming/Blowing Agent
- Infrared Absorber
- Laser Marker
- Light Diffuser
- Nucleating Agents
- Odor Absorber
- Optical Brightener
- Oxo-Biodegradable
- Processing Aid (Fluoro & Non-Fluoro)
- Purge
- Rigid
- Slip & Super Slip
- Softening Agent
- UV barriers & Absorbers
- UV Stabilizers

COLOURS

Over 30,000 colour recipies to use in various polymers such as:

- Polyethylene
- Polypropylene
- PET
- Styrenics
- Acrylic
- Polyamides
- Polycarbonate

SPECIAL EFFECTS

- Dotted/Granite
- Fluorescent
- Fragrance
- Metallic
- Pearlescent
- Wood Effect

APPLICATIONS FOR FILM & EXTRUSION

ELECTRICAL & ELECTRONIC



Wires



Cables



Telecom ducts



Agriculture



Food safe



Home appliances

PACKAGING APPLICATIONS



CONSTRUCTION &

INFRASTRUCTURE APPLICATIONS



XPS boards



Tanks



PC sheets



Outdoor furniture



Geomembrane



PPR pipes



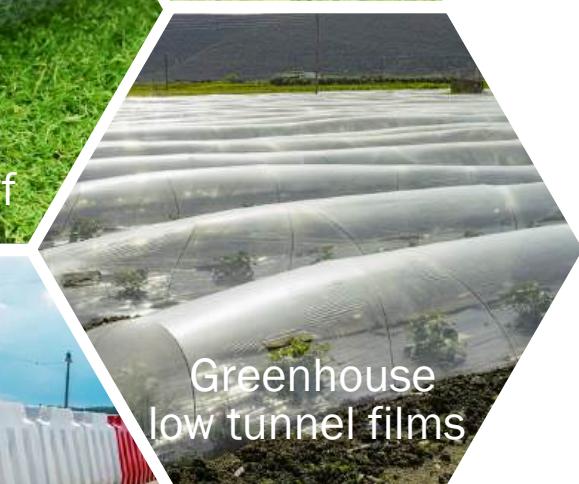
Road barriers



Artificial turf

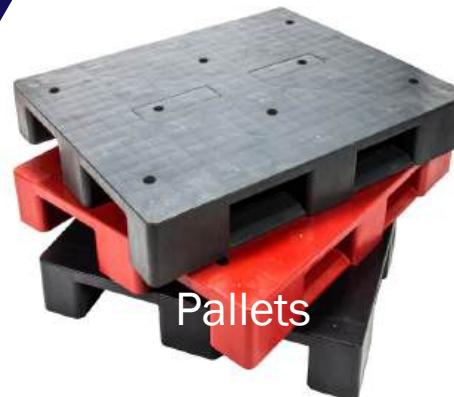


Greenhouse
high tunnel films



Greenhouse
low tunnel films

LARGE MOULDED ARTICLE APPLICATIONS



OUR SUPPLIERS



Milliken.



BRAND ASSOCIATIONS

EMAAR

DAMAC

NAKHEEL

ducab

Emirates

DANONE

Coca-Cola

bp

Nestlé

المراقي
Almarai

إنتاج
entaj

LuLu

HYPERMARKETS • SUPERMARKETS • DEPARTMENT STORES

اينوك
enoc

نادك
nadec

Carrefour

PETROMIN

reckitt

Mondelēz
International

PEPSICO

P&G

أدنوك
ADNOC



شركة بترو أبوظبي الوطنية



PACKAGING

Majority of EP Masterbatch products come in UV stabilized **PP woven bags laminated with a PE liner**, typically sized between 20-25 kg per bag.

For additive and specialized Masterbatches, we have an **Aluminum valve bag with vacuum sealing option** and on specific customer requirements **PE transparent valve bags** are available.





ENERPLASTICS HAS ALWAYS FOCUSED ON
SUSTAINABILITY AS THE KEY FACTOR FOR ITS
NEW DEVELOPMENTS

CSR

As a socially responsible corporate entity, EnerPlastics is dedicated to developing innovative, economically viable and sustainable products, processes and services within its core areas of expertise. This commitment underscores our focus on environmental stewardship, sustainable development and contributing to a safer, greener planet for future generations.

We deliver sustainable masterbatch solutions across key sectors including Construction, Packaging, Agriculture, Electrical and Electronics and Infrastructure. Through our Sustainable Drive Initiative, we actively support and enhance plastic recycling by offering forward-thinking, eco-friendly technologies.

In alignment with the UAE Government's Green Building Regulations and the Shams Dubai initiative, EnerPlastics has made significant investments in renewable energy. Our solar panel installations have greatly improved the sustainability of our facilities, significantly reducing our carbon footprint and advancing our goal of environmental responsibility.

O X O - B I O D E G R A D A B L E

EnerPlastics has developed a Oxo-Biodegradable additive masterbatch formulation—EP OBD ECO-PROTECT.

These innovative additives bio-assimilate Polyolefines into water (H_2O), carbon dioxide (CO_2) and biomass. Importantly, EP OBD ECO-PROTECT is fully compatible with existing processing equipment and conditions, requiring no changes to conventional manufacturing processes.

EnerPlastics is the only masterbatch company to have an ISO/IEC 17025:2017 accredited laboratory to perform all Oxo-Biodegradable Abiotic testing in AFNOR AC T51-808 agreement, BS 8472, ASTM D6954, UAE S. 5009 and SASO 2879 standards.





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