

POLYETHYLENE PRODUCTS

1 MD/HDPE Film



LLDPE Film 2

3 Blow Moulding



Pipe Extrusion 4

5 Injection Moulding



Roto Moulding 6

7 Tape & Monofilament



8 Recycled Pellets



ETHYDCO CERTIFICATES & APPROVALS



Responsible Care
ETHYDCO Sustainable development is the fundamental of our business practices and represents a vital aspect in accomplishing development and success, assure consistence with developing market criteria and desires.



Global Compact
The United Nations Global Compact is a platform for business and non-business entities to proactively network and engage in areas of human right, labors, environment, anti-corruption, and contributing to UN goals in order to achieve the common objectives of building a sustainable and inclusive global economy.



REACH
ADVANCENE polyethylene products comply with Article 8 of Regulation (EC) No.1907/2006 (REACH).



CS ANALYTICAL
Advancene EM-4925-AAH & EE-1801-AAB complies with EP 3.1.5 (European Pharmacopeia) for containers and packaging system for medical drug products.



Food Contact Approval
ADVANCENE polyethylene products have Food Contact Plastics Certificate of Conformity with the Requirements of:
• USA FDA Code of Federal Regulations (CFR21) Section 177.1520 (Olefin Polymers)
• EU Regulation 10/2011, as amended by EU Regulations 321/2011, 1282/2011, 1183/2012, 202/2014, 174/2015, 1416/2016, 752/2017, 79/2018, 213/2018, 37/2019, 2019/1338, 1245/2020 and 1442/2023.



Pipe Pressure Tests (PE 80 & PE 100 Black)
SKZ - Testing GmbH certify and confirm that ETHYDCO material ADVANCENE "EE-3916-AAH" can be designated as PE-80 according to DIN EN ISO 12162:2010-04 and DIN EN ISO 9080:2013-02.
SKZ - Testing GmbH confirmed that ETHYDCO material ADVANCENE bEEB-5906-AAH can be designated as PE 100 black according to EN ISO 9080



L'ORÉAL
L'ORÉAL approved ETHYDCO's ADVANCENE Blow Molding grade "EM-5333-AAH" globally for all shampoo and conditioner ranges after passing all L'ORÉAL tests including dimensions, leakage, weight, stress cracking and material distribution.



NSF
Advancene EM-3405-UVH comply with NSF/ANSI/CAN 61 and all applicable requirements, Drinking system components and Health Effects.

ISO CERTIFICATES



ISO 9001:2015
ISO 14001:2015
ISO 45001:2018
ISO 50001:2018
ISO 17025:2017
ISO 37001:2016
ISO 27001:2013



Designed by Marketing Department

The Egyptian Ethylene & Derivatives Co.
الشركة المصرية لإنتاج الإيثيلين ومشتقاته



ADVANCENE™ is a trademark of ETHYDCO



Value Creating Plastic & Rubber Products

ETHYDCO Site: 36th km Alex-Cairo Desert Road - El Amria- El Nahda Territory- Alexandria, EGYPT.

www.ethydcog.com



Scan to know more about ETHYDCO



The Egyptian Ethylene and Derivatives Company (ETHYDCO) is an Egyptian joint stock company established on January, 16th, 2011 under Egyptian investment law.

ETHYDCO's petrochemical complex is the largest in Egypt and Africa, implemented with the latest state of art technology to be a leading provider of advanced and high quality products (Linear Low & High Density Polyethylene).

ETHYDCO's attempt to pursue international credibility by acquiring seven ISO certificates.

ETHYDCO is following the Egypt Vision 2030 for in the petrochemical Industry stated by the Egyptian Petroleum Ministry

ETHYDCO supports the Sustainability concept by adopting Activities such as:- Best use of resources, Occupational health and safety, Energy conservation, Environment protection and Human development for producing Best Quality Products.

ETHYDCO support the Egyptian vision for 2030, by producing pipe grades for its infrastructure projects.

According to ETHYDCO integration policy, ETHYDCO will provide near by companies with electricity from third phase of permanent power plant.



VISION

To be the most preferred supplier of Polyethylene, Butadiene and its Derivatives locally and globally.

MISSION

Value creation through customer orientation, sustainability and optimum utilization of resources.

VALUES

■ Creativity ■ Integrity ■ Dedication ■ Respectfulness



1 Ethylene & Butadiene Plant

Licensor : Lummus - USA

Ethylene

Capacity : 460 KTA
EPC Contractor : Toyo - Japan

Butadiene

Capacity : 20 KTA
EPC Contractor : Toyo - Japan



2 Polyethylene Plant

Capacity : 400 KTA (2x200 KTA)
Licensor : Univation - USA
EPC Contractor : Toyo - Japan



3 Butadiene Derivatives Plant

Capacity : 36 KTA
Licensor : Versalis - Italy



4 Utility Plant

EPC Contractor : ENPPI - Egypt



- Advanced product quality (optimal balance between processability and mechanical performance).
- Advanced technology with Bimodal and swing capabilities.
- Advanced service offering through ETHYDCO experienced team.



ETHYDCO manufactures PE using UNIPOL™ gas phase process which can produce a wide range of commercial products.

Whether your goal is to make high-density, medium-density or linear low-density PE, the UNIPOL™ PE Process can accommodate its wide range of densities and melt indices – with both narrow and broad molecular weight distributions, swing and Bimodal capabilities are the key to resin differentiation.



Scan to know more about Distributors