

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.



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



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



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



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.



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.

ISO CERTIFICATES



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

ETHYDCO DISTRIBUTORS



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PRODUCT MIX

Value Creating Plastic & Rubber Products



ADVANCENE™ is a trademark of ETHYDCO



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Designed by Marketing Department

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

www.ethydcog.com

TRAIN #1

Product Category	Product	Melt Index Range (g/10 min) I ₂	Density Range g / ccm	Co-monomer	MWD	Applications
LLDPE Film - Butene	EE-1801-AAB	0.8 : 1.2	0.916 : 0.920	C4	Narrow	Heavy duty bags, liners, blends
	EE-1801-BSB	0.8 : 1.2	0.918 : 0.922	C4	Narrow	Heavy duty bags, liners, blends (with slip & anti-block additives)
	EE-1802-AAB	1.8 : 2.2	0.916 : 0.920	C4	Narrow	Light duty bags, liners, blends
	EE-1802-BSB	1.8 : 2.2	0.918 : 0.922	C4	Narrow	Light duty bags, liners, blends (with slip & anti-block additives)
LLDPE Film - Hexene	EE-1801-AAH	0.8 : 1.2	0.916 : 0.920	C6	Narrow	Heavy duty bags, liners, blends
	EE-1802-AAH	1.8 : 2.2	0.916 : 0.920	C6	Narrow	Cast Film applications, Light duty bags, liners, blends
HDPE Injection Molding	EM-5204-UVH	4.3 : 5.5	0.950 : 0.954	C6	Narrow	Pails, Industrial Containers (UV stabilized)
	EM-6308-UV	7 : 9	0.960 : 0.966	Homo-polymer	Narrow	Crates, bins, Pallets (UV stabilized)
MDPE RotoMolding	EM-3405-UVH	4 : 6	0.934 : 0.938	C6	Narrow	General Purpose Rotomolding applications, Tanks, Containers, (UV stabilized)
HDPE Monofilament	EE-5001-AAH	0.8 : 1.2	0.948 : 0.952	C6	Narrow	Fishnets, ropes, woven nets

TRAIN #2

Product Category	Product	Melt Index Range (g/10 min) I ₂₁	Density Range g / ccm	Co-monomer	MWD	Applications
MDPE Film	EE-3914-AAH	12 : 16	0.937 : 0.941	C6	Broad	Geomembrane, Industrial liners, Mailer bags, Notion bags, Blends
HDPE Film	EE-4811-AAH	8 : 13	0.946 : 0.950	C6	Broad	High strength film, Grocery bags, Multiwall bag liner, Heavy duty bags
HDPE Blow - Molding	EM-5333-AAH	28 : 36	0.951 : 0.955	C6	Medium	HIC Bottles (Small Bottles > 4 Liters)
	EM-4925-AAH	20 : 30	0.949 : 0.953	C6	Medium	Medium blow molded containers and parts (4-20 Liters)
	EM-4810-AAH	7 : 11	0.946 : 0.950	C6	Broad	Large Part Blow Molding (20-212 Liters)
MDPE Pipe - Unimodal	EE-3916-AAH	14 : 18	0.937 : 0.941	C6	Broad	PE-80 pipe (Natural), Municipal natural gas distribution pipe
HDPE Pipe - Bimodal	bEE-4906-AAH	I ₅ 0.15 : 0.19	I ₂₁ 5 : 7	C6	Bimodal	Bimodal HDPE PE-100 pipe (Natural)

This product is supplied in 25 kg bags in secured pallets of 60 bags (1.5 MT net).