



EnerPlastics is a leading Masterbatch Manufacturing Company, located in Dubai, UAE, specializing in the production of tailor made Color and Additive Masterbatches and with sales in more than 58 countries including Europe, Africa, CIS, Middle East, the Persian Gulf and the Indian sub-continent. We are globally recognized as a leading manufacturer of additive and color masterbatches. Our success has been the flexibility to understand our customers' needs in the region and the ability to respond rapidly to these requirements. Our customers recognize and appreciate that we add value to their businesses.



ISO 9001:2015



ISO 18001:2007

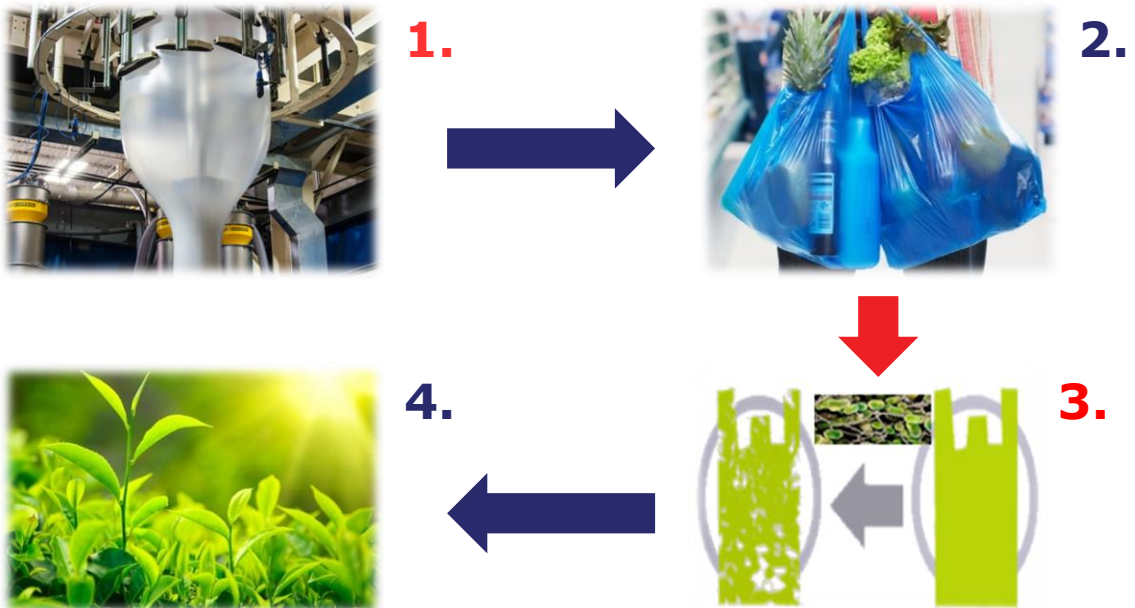


ISO 14001:2015

Oxo-Biodegradation and How Works



Oxo-biodegradation is the process of converting polyolefin products into biodegradable material at the end of their useful life through oxidation.



1. **EP** OBD Masterbatch is added during the manufacturing stage (Up to 1%)
2. The product then behaves as its purpose during its intended service life.
3. After service life, the products begin to degrade in the presence of oxygen. Once degradation has reached its optimum, microorganisms will begin to colonize on the surface.
4. The microorganisms metabolize the oxygenated plastic which returns to the environment as H₂O, CO₂ and Biomass.

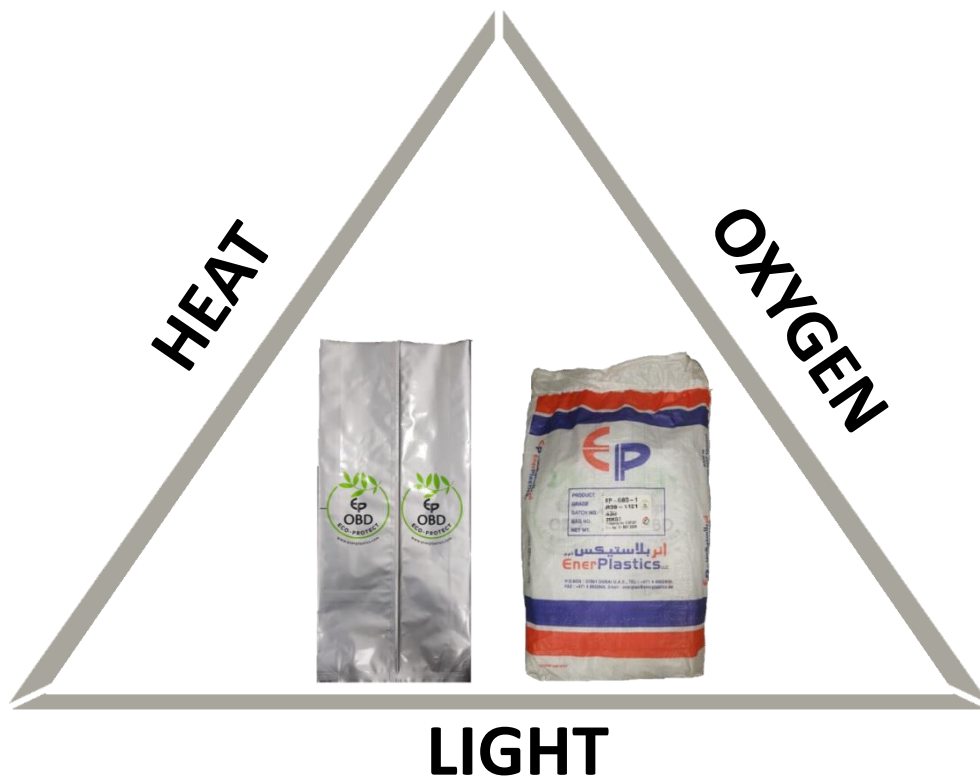
EnerPlastics is the only Company in the MENA region that produces 2 grades of Oxo Biodegradable Additives; EP OBD-1 and EP OBD-2. Our EP OBD-2 exceeds the technical requirements of ESMA UAE.S5009: 2009 and SASO 2879/2016, and is certified on a pass-fail criteria basis by French Centre National d'Evaluation de Photoprotection (CNEP)/ Synthèse et Etude de Systèmes à Intérêt Biologique (SEESIB) protocols adopted in AFNOR AC T51-808-2012.



Specialized Packaging Advantage

EP OBDs are commercially available in specialized multilayer and multi barrier 20kg packaging that provides protection against light and oxygen during the transport and storage of the additive.

EnerPlastics is the only Manufacturing Company in the MENA Region that provides two different grades of OBDs to meet varying customers and market requirements. Both grades are packed in vacuum sealed aluminum bags placed in Laminated PP Bags with PE Liners.



EP OBD is susceptible to light, heat and oxygen. It is highly recommended that once the Aluminum bag is opened, it be consumed in the shortest time possible in order to perform its full function when mixed and blown into a film. To assist smaller film convertors, EnerPlastics can supply the product in identical packing of 10 Kg, subject to prior enquiry.

EnerPlastics



Certifications



مؤسسة الإمارات للمواصفات والمقاييس
Emirates Authority For Standardization & Metrology

Certified by ESMA according to UAE.S 5009:2009/ASTMD6954:2009 standard.



الهيئة السعودية للمواصفات والمقاييس والجودة
Saudi Standards, Metrology and Quality Org.

Certified by Saudi Standard, Metrology and Quality Org as per SASO 2879/2016 Degradable Plastic Products.

Université Blaise Pascal (Clermont II)

CNEP

Centre National d'Evaluation de Photo protection
Ensemble Universitaire des Cézeaux
24 Avenue des Landais – B.P. 30234
F – 63174 AUBIERE Cedex

Certified by Centre National d'Evaluation de Photo Protection (CNEP), Université Blaise Pascal, France and Synthèse et Etude de Systèmes à Intérêt Biologique (SEESIB) as per AFNOR AC T51-808-2012. CNEP/SEESIB are the only research centers in the world that have been doing research on the degradation of plastics for 31 years. (Applicable for OBD-2)

NTSQP

Tested in China National Centre for Quality Supervision & Test of Plastic Products according to GB/T 20197-2006 and HJ/T 209-2005 Standard of degradable plastics. (Applicable for OBD-2)

SGS

AP (89) 1 food contact approval certificates from SGS.

GAC

مركز الاعتماد الخليجي
GCC ACCREDITATION CENTER



ACCREDITED

TESTING

ISO/IEC 17025:2005

No. ATL 0036

EP OBD additive evaluation and studies done and validated at **EP** Advanced Lab, an ISO/IEC 17025:2005 accredited Laboratory.