LIFE EXTRUCLEAN

Technological Watch Bulletin N° 1

30/03/2015

NEWS

- Leading companies will demonstrate sustainable solutions for waste management at 'Save the Planet' 2015
- Recycling of biobased polyethylene
- Closed Loop calls on government help
- Plastics recycling is in full swing behind the scenes at NPE 2015
- Sustainable high performance recycling plant from post-consumer and post-industrial waste commissioned
- Recycling of plastic wraps, bags, film surging in North America
- Linder showing HDPE recycling system
- Cedar Poly installs high-throughput washing plant for post-consumer HDPE
- Recycling equipment makers to show technology for sustainability
- "SuperCleanQ" project to research recycling of food contact plastics is concluded
- A cost effective solution to the problem of plastic litter

STANDARDS

ASTM D5491 - 08(2014) - D5491 Standard Classification for Recycled Post-Consumer Polyethylene Film Sources for Molding and Extrusion Materials has been reapproved, available as D5491-08(2014)
Comité: Subcommittee: D20.15

ARTICLES

- Continuous supercritical decrosslinking extrusion process for recycling of crosslinked polyethylene waste
- Processability and mechanical properties of extensively recycled high density polyethylene
- Accelerated Degradation of Polyetheretherketone (PEEK) Composite Materials for Recycling Applications
- A Novel Process for the Removal of Bromine from Styrene Polymers Containing Brominated Flame Retardant
- A novel industrial technique for recycling ethylene-propylene-diene waste rubber

PATENTS

- RECYCLING SYSTEMS AND METHODS FOR PLASTIC WASTE
- A METHOD OF RECYCLING PLASTIC LAMINATES AND A SYSTEM DERIVED THEREOF
- Process for recycling organic plastic waste
- One-Pot, High-Performance Recycling Method for Polymer Waste Achieved Through Renewable Polymer Synthesis
- POLYMERIC MATERIAL AND PROCESS FOR RECYCLING PLASTIC BLENDS

EVENTS

- International Symposium MBT, MRF & Recycling 2015
  Hanover | Inicio: 05/05/2015
- identiPlast® 2015
  Congress Center Fontana di Trevi, Roma | Inicio: 29/04/2015
- Plastics Recycling Expo (PRE) 2015
  Telford International Centre (Telford being the heart of UK plastics manufacturing) | Inicio: 16/06/2015

With the contribution of the Life financial instrument of the European Union [LIFE13 ENV/ES/000067]