

DuPont Materials for Sustainable Packaging

DuPont Packaging Initiatives for Sustainable Solutions

DuPont's commitment to bring sustainable solutions to the marketplace:

Grow annual revenue from products that:

- Create energy efficiency
- Reduce greenhouse gas emissions

Invest in R&D on environmentally smart market opportunities

Double revenue from non-depletable resources.

Introduce at least 1,000 new safety products or services.

More information about DuPont's commitment to sustainability:
sustainability.dupont.com

More information about DuPont products and services for sustainable packaging:
sustainablepackaging.dupont.com

Renewably Sourced Packaging

DuPont™ Biomax® renewably sourced materials -- including

- **Biomax® TPS:** thermoplastic starch (TPS) resins and sheets using Plantico® technology
- **Biomax® PTT:** polytrimethylene terephthalate (PTT) with polyester-like performance



DuPont™ Selar® VP breathable resins – controlled permeability ionomer resin

DuPont™ Pro-Cote® soy polymers -- protein-based binder for coatings and inks

Remove Packaging

DuPont™ Surlyn® EasyUp -- strong, easy-to-open, high clarity film replaces cardboard for bundle packs

DuPont™ Elvanol® polyvinyl alcohol -- water-soluble material for dissolvable film or pouches, and for repulpable coated paperboard

Reduce Packaging

DuPont™ Biomax® Strong modifier -- for thinner, less-brittle PLA packages

DuPont™ Surlyn® skin packaging resins -- for clear, secure films that can replace bulky clamshells or blister packs

DuPont™ Surlyn® super stiff resins -- to match strength, performance and desired tactile feel in downgauged packaging films

DuPont™ Cyrel® FAST -- for solventless flexographic plate-making, with lower energy consumption and reduced GHG emissions

DuPont™ Appeel® lidding resins -- to replace solvent-based lacquers and provide strong, peelable lidding seals

Recycleable Packaging

DuPont™ Fusabond® compatibilizers -- to enable the reuse of mixed plastic waste streams and multi-layer structure waste

Enablers

DuPont Teijin Films™ Mylar® ECO films – lidding films for renewable containers



The miracles of science™