

DuPont Materials for Sustainable Packaging



DuPont™
Renewably Sourced
Materials*



DuPont Packaging Initiatives for Sustainable Solutions

Renewable Materials

DuPont™ 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.

DuPont™ Biomax® Strong modifier - for thinner, less-brittle PLA packages (an enabler for PLA - not RS on its own)

End-of-Life Alternatives

DuPont™ Elvano® polyvinyl alcohol - water-soluble materials for dissolvable film or pouches, and for repulpable coated paperboard.

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

Material Reduction Solutions

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™ Teijin Films™ Mylar® ECO films - lidding films for containers utilizing renewable materials.

...plus a variety of other specialty ethylene copolymers solutions.

GHG and Energy Savers

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.

DuPont™ Biomax® Strong modifier - provides process energy reductions during PLA processing (lowers extruder torque requirements).

DuPont™ Renewably Sourced Materials contain a minimum of 20% renewably sourced ingredients by weight.

Most DuPont™ Renewably Sourced Materials listed herein contain 50% or higher amounts.

sustainablepackaging.dupont.com



The miracles of science™