

Rethink Recycle

Vistamaxx™ polymers are a proven, cost effective solution that allows low-cost recycling, targeting high-value applications.

Recycling of plastics is a global growth market, which is currently growing 7% per year. One of the main barriers to using recycled material is the need for costly and time-consuming separation of incompatible plastics.

By allowing incompatible PE and PP plastics to mix in the melt, Vistamaxx polymers reduce the need for separation and gives manufacturers the possibility of higher-quality outputs, cost reduction due to increased recycle content, and access to new lower-quality, low-cost sources.

Key benefits



Increases recycle content



Reduces input cost



Higher product and process consistency



Improves toughness and tear resistance



Enables higher margin applications

Energy lives here



Using HDPE recycle and 5% Vistamaxx polymers give a

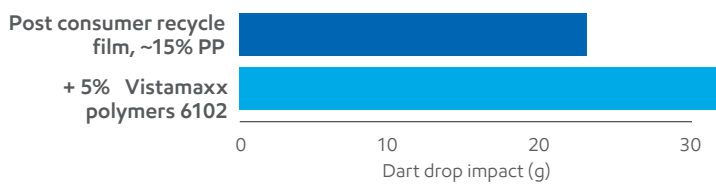
58%

cost saving over virgin resin.

Rethink Recycle with Vistamaxx™ to increase usage of recycled materials, improve performance and enable compatibilization of PE and PP cost effectively over virgin resins.

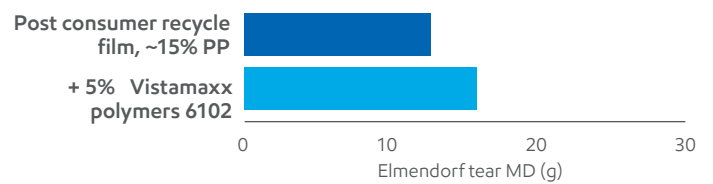
In film recycle applications

Upgrade of low quality PE recycle streams – household waste



40%

higher dart impact

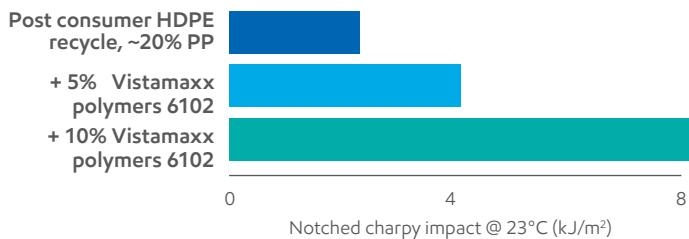


23%

higher tear resistance

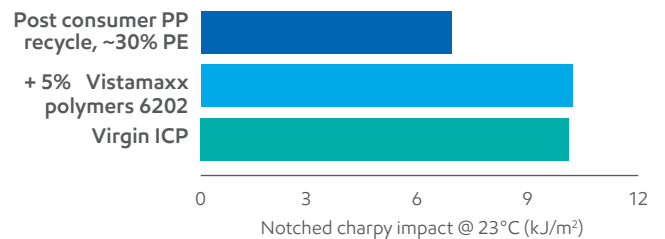
In molded recycle applications

Upgrade of low quality recycle streams – household waste



250%

higher impact strength



50%

higher impact strength