

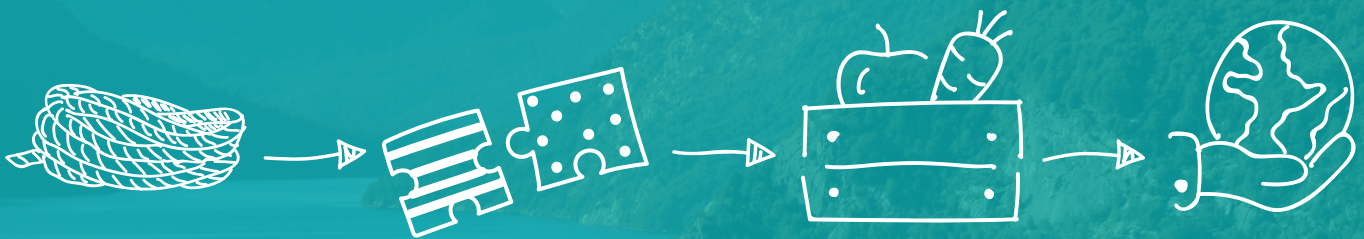
Vistamaxx™ performance polymers



Rethink Recycle: Empowering Atando Cabos

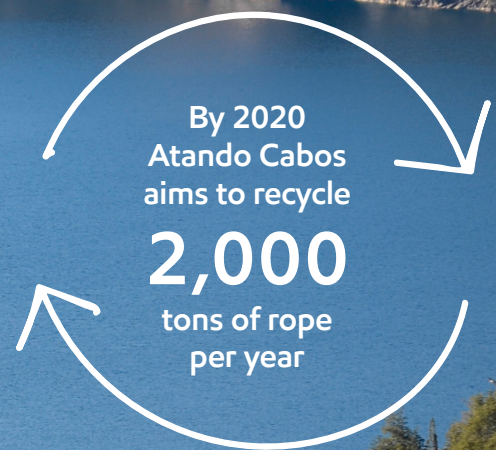
Discarded plastic fishing ropes were contaminating the delicate ecosystem of Patagonia. An inspirational project, Atando Cabos, began with the aim of collecting the ropes and recycling them into high-quality products. But the ropes were made of two incompatible materials that wouldn't mix and couldn't be separated. **ExxonMobil collaborated with Atando Cabos to design a solution.**

By using **Vistamaxx performance polymers**, Atando Cabos was able to compatibilize PE and PP, turn the discarded ropes into high-quality end products and begin a project that brought environmental, social and financial benefits.



After 12 months:

**over 1,000
tons of rope
recycled**



Energy lives here™

ExxonMobil

Rethink Recycle with Vistamaxx™ performance polymers

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

Recycling of plastics is a global growth market. 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 give manufacturers the possibility of higher-quality outputs, cost reduction due to increased recycled content and access to new lower-quality, low-cost sources.



Key benefits Vistamaxx™ performance polymers bring to the Atando Cabos project:



Compatibilizes
PP and PE



Up to
45% better impact
strength



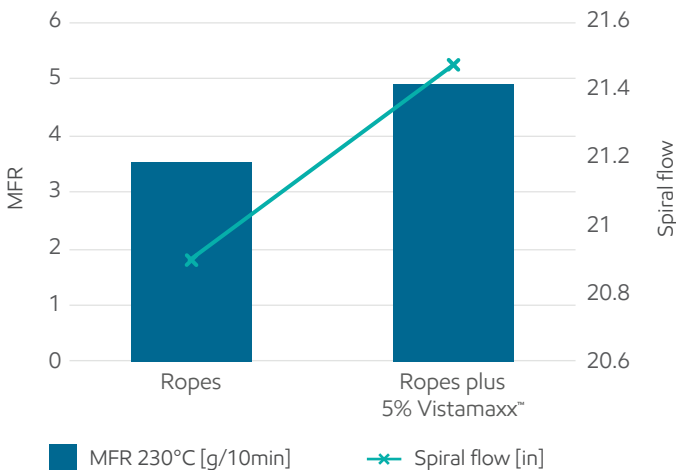
Up to
40% better
flow rate



Unlocks new
product possibilities

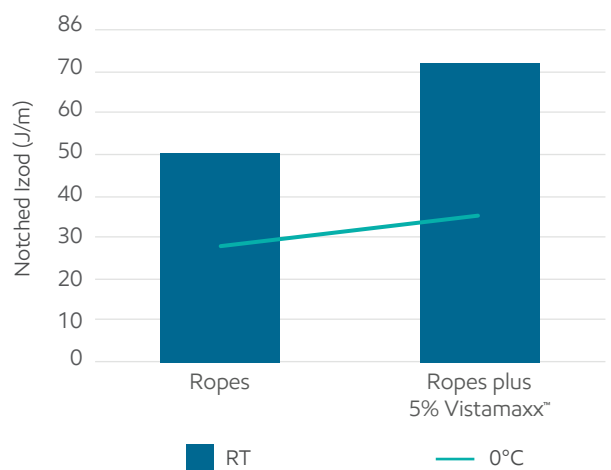
Processing efficiencies and improved end product toughness as demonstrated by improved flow and impact properties:

Flow properties



Testing methods for MFR @230°C, 2.16kg based on ASTM D1238
Testing method for Spiral flow based on ExxonMobil method

Impact strength



Testing method for Notched Izod based on ASTM D256

exxonmobilchemical.com/rethinkrecycle
#rethinkrecycle

atandocabos.cl

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