



Vistamaxx™ performance polymers


Rethink Recycle: Empowering Atando Cabos


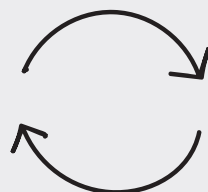
Discarded plastic fishing ropes were contaminating the delicate ecosystem of Patagonia. An inspirational project, Atando Cabos, began with the aim of collecting the ropes and recycling them into high-quality products. But the ropes were made of two incompatible materials that wouldn't mix and couldn't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

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

 <p>Compatibilizes PP and PE</p>	 <p>Up to 45% better impact strength</p>	 <p>Up to 40% better flow rate</p>	 <p>Unlocks new product possibilities</p>
---	---	---	--

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.



 <p>After 12 months over 1,000 tons of rope recycled</p>	 <p>By 2020 Atando Cabos aims to recycle 2,000 tons of rope per year</p>
--	---

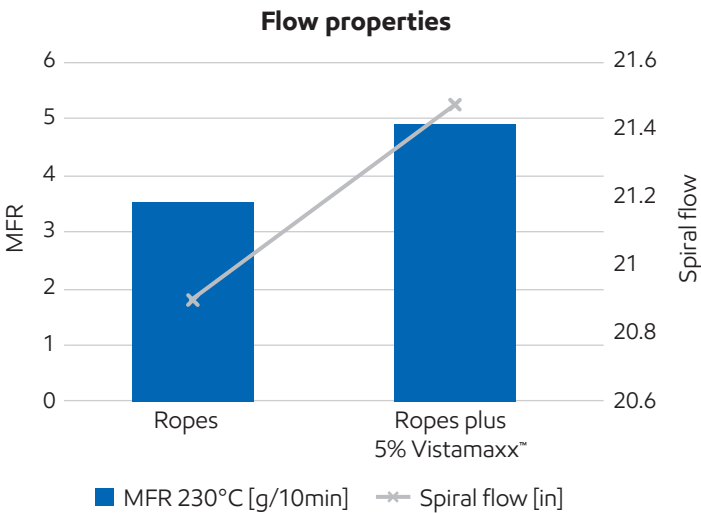
Rethink Recycle with Vistamaxx™ performance polymers

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

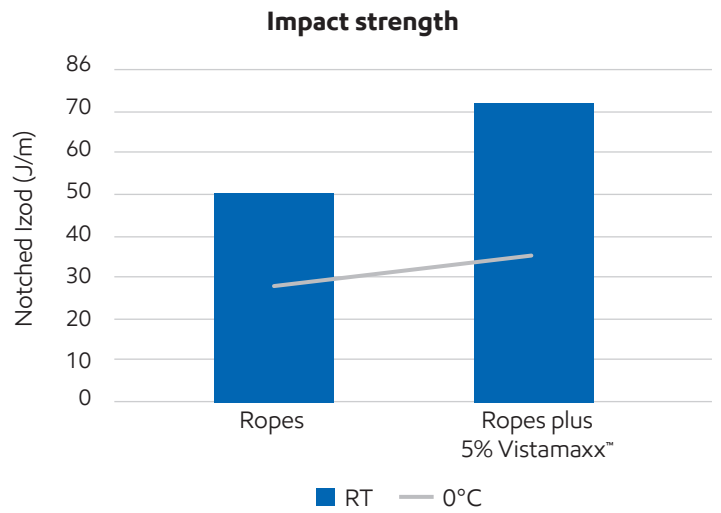
Recycling of plastics is a global growth market. One of the main barriers to using recycled material is the need for costly and time-consuming separation of incompatible plastics. By allowing incompatible PE and PP plastics to mix in the melt, Vistamaxx polymers reduce the need for separation and give manufacturers the possibility of higher-quality outputs, cost reduction due to increased recycled content and access to new lower-quality, low-cost sources.



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



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



Testing method for Notched Izod based on ASTM D256

What's new: ExxonMobil Signature Polymers

All our polymers are now positioned under a single portfolio brand: Signature Polymers. The aim is to simplify our product architecture and naming to improve portfolio navigation for you. We would like to stress that our commitment to high quality products remains the same, it is names that change. Grade slate of Vistamaxx™ performance polymers will keep unchanged.

Want to see what's changed in our portfolio? Go to exxonmobilchemical.com/sptransform

atandocabos.cl

Contact us for more information: exxonmobilchemical.com/rethinkrecycle

ExxonMobil
Signature Polymers

Bring your impossible



© 2024 ExxonMobil. ExxonMobil, the ExxonMobil logo, the interlocking "X" device and other product or service names used herein are trademarks of ExxonMobil, unless indicated otherwise. This document may not be distributed, displayed, copied or altered without ExxonMobil's prior written authorization. To the extent ExxonMobil authorizes distributing, displaying and/or copying of this document, the user may do so only if the document is unaltered and complete, including all of its headers, footers, disclaimers and other information. You may not copy this document to or reproduce it in whole or in part on a website. ExxonMobil does not guarantee the typical (or other) values. Any data included herein is based upon analysis of representative samples and not the actual product shipped. The information in this document relates only to the named product or materials when not in combination with any other product or materials. We based the information on data believed to be reliable on the date compiled, but we do not represent, warrant, or otherwise guarantee, expressly or impliedly, the merchantability, fitness for a particular purpose, freedom from patent infringement, suitability, accuracy, reliability, or completeness of this information or the products, materials or processes described. The user is solely responsible for all determinations regarding any use of material or product and any process in its territories of interest. We expressly disclaim liability for any loss, damage or injury directly or indirectly suffered or incurred as a result of or related to anyone using or relying on any of the information in this document. This document is not an endorsement of any non-ExxonMobil product or process, and we expressly disclaim any contrary implication. The terms "we," "our," "ExxonMobil Product Solutions" and "ExxonMobil" are each used for convenience, and may include any one or more of ExxonMobil Product Solutions, Exxon Mobil Corporation, or any affiliate either directly or indirectly stewarded.