



Introduction To XyloX Thermoplastic Elastomer

Recycled Plastic Used to Manufacture XyloX Product has been Certified by:



BRINGING RECYCLING TO THE NEXT LEVEL!

- ♻️ Made of 100% recycled rubber crumb and post-industrial plastic
- ♻️ No adhesives or glues used - Molecular bond!
- ♻️ The **Newest, Environmentally Responsible**, recyclable TPE (Thermoplastic Elastomer)



ReNeuv 

Bringing Recycling to the Next Level

For more information contact us at info@renewogroup.com

Benefits of Molding XyloX™ TPE

- ➔ XyloX™ can be injection molded or extruded
- ➔ The rubber phase of XyloX™ compounds function as a heat sink. This means quicker set up for reduced cycle times. Reductions of 15% to 20% are regularly recognized.
- ➔ Short time equates to higher output and increased capacity utilization.
- ➔ XyloX™ products processes with lower temperatures when compared to virgin TPE for a savings in hydro
- ➔ Rapid and even cooling result in less warpage and less shrinkage when compared to virgin TPE compounds
- ➔ Utilizing high-quality reprocessed feed stocks ensure lot-to-lot uniformity, while driving down the cost per pound.
- ➔ XyloX™ compounds can be painted with oil, latex or epoxy paint systems

XyloX™ TPE

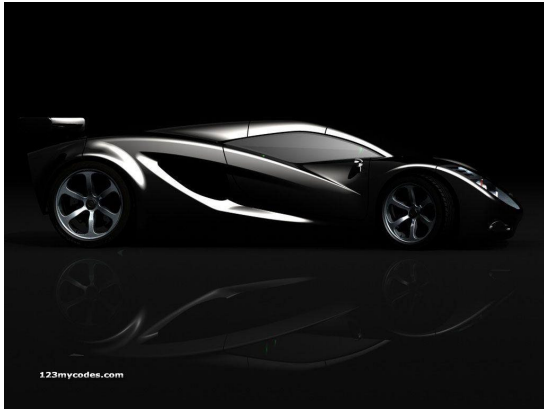


XyloX™ is a revolutionary form of Thermoplastic Elastomer made entirely from *100% recycled tire reprocessed rubber crumb and recycled plastic pellets*. The proprietary compounding process uses crumb rubber, post-consumer and post-industrial plastic pellets to create a molecular bond of the polymer chains. This is accomplished without the use of additional bonding agents providing a consistent and repeatable material.

XyloX™ is currently available in two basic formulations:

1. **XyloX™ PP**: Polypropylene blended with crumb rubber in various concentration.
2. **XyloX™ HDPE**: High Density Polyethylene blended crumb rubber in various concentrations.

XyloX™ Markets



XyloX™ is ideal for large variety of applications in the automotive sector. Front and rear facia trim, grill components, close-outs, in-door applications, under-hood covers, shields, fender liners, grips, and various trim components requiring ductility are all suitable applications for XyloX™.

For the building and construction products market, XyloX is very well suited to door and window component applications, concrete formers, applications requiring anti-chafe protection and vibrational dampening. Our advances will be driven by the ongoing displacement of traditional prime elastomeric products.



Consumer awareness towards green packaging is growing steadily. XyloX™ compounds offer a recycled solution to industrial pallet manufacture and other dunnage applications.

Fender Liner Made with XyloX™



XyloX Product Sample



This is a sample photograph of a product that is hot off the press, molded from the XyloX product! The part produced is called 'Sled Legs' (child size) It is strapped to the lower part of the persons legs and acts as a slide to go down the snowy hill kneeling down.

This product was made to give the customer the look and feel of how our material will perform with their product. The feel and appearance of the molded product will give the customer an educated view of how XyloX is a superior product to virgin material.



Sample Made in Canada



The Environment

Our Environmental philosophy, practices and policies have been established from key environmental institutions, Universities like McMaster, Guelph and Government policy experts. This has helped to develop guidelines to provide a definite course or method of action to guide and determine present and future decisions for the group of companies, especially for ReNeuvo.

These entrenched environmental policies and governance provide a high-level overall plan to embrace the general goals and acceptable procedures of how the Group of Companies will maintain operational environmental responsibility. These policies are ingrained and an integral part of our corporate mandate and our company culture.