ReNeuvo

Taking recycled plastic and rubber to the next level!

Introduction To XyloX Thermoplastic Elastomer

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

A SUSTAINABLE SOLUTION
GreenCircle CERTIFIED

WCS ISO 9001 REGISTERED
UKAS MANAGEMENT SYSTEMS
0060
Certificate No. 8330

BRINGING THERMOPLASTIC MANUFACTURING TO THE NEXT LEVEL

Made of 100 % recycled postconsumer plastic and recycled tire reprocessed rubber crumb

No adhesives or glue used-Molecular bond

The newest Environmentally Responsible Recyclable Thermoplastic Electrometer

For more information contact us at

info@reneuvocompositesontario.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% to20% 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 products are a revolutionary form of Thermoplastic Elastomer made entirely from *100% recycled postconsumer plastic pellets and recycled tire reprocessed rubber crumb* to create a molecular bond of the polymer. This is accomplished without the use of additional bonding agents providing a consistent and repeatable material.

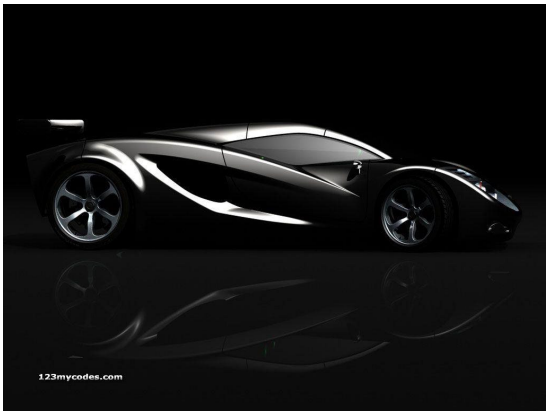
XyloX product is currently available in two basic formulations, custom formulations are available:

1. **XyloX** PP: Polypropylene blended with crumb rubber in various concentration.

2. **XyloX** HDPE: High Density Polyethylene blended with crumb rubber in various concentrations.

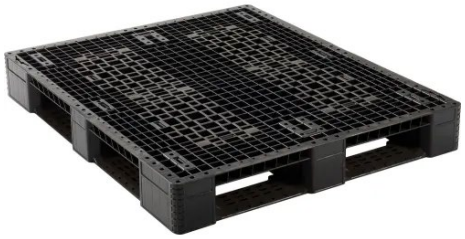
Developing a Technology Without Considering the Environment.
Is not Environmentally Responsible!

XyloX™ Markets



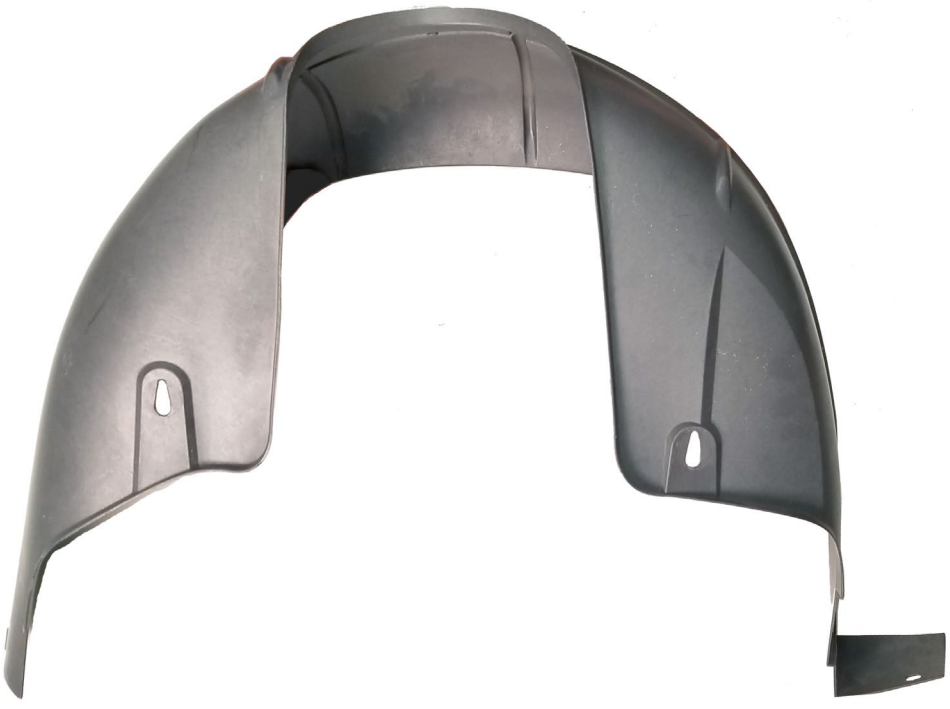
XyloX is ideal for large variety of applications in the automotive sector. Front and rear facia trim, grill components, close-outs, in-door applications, under-hood covers, shields, fender liners, grips, and various trim components requiring ductility are all suitable applications for XyloX.

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.



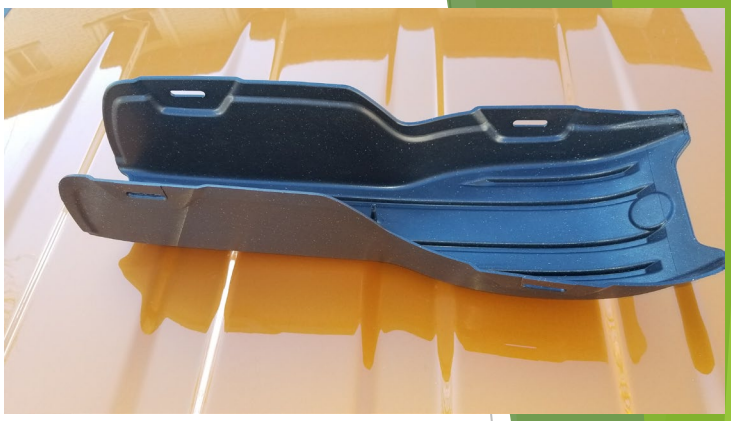
Consumer awareness towards green packaging is growing steadily. XyloX compounds offer a recycled solution to industrial pallet manufacture and other dunnage applications.

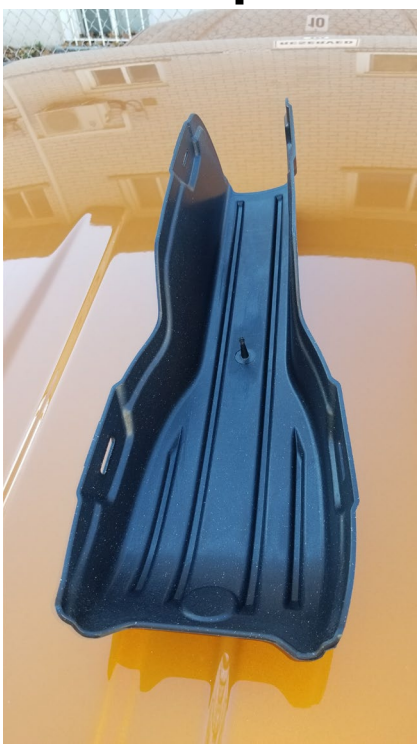
Fender Liner Made with XyloX



Sample Made in USA

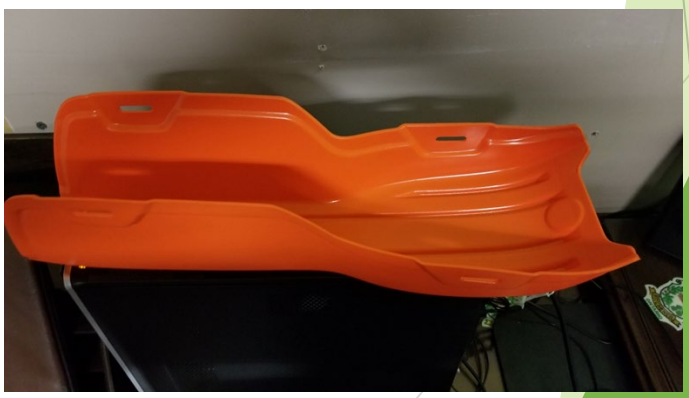
Product made with XyloX Sample





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.



Samples Made in Canada

The Environment

ReNeuvo Environmental philosophy, practices and policies have been established from key environmental institutions, Universities like Waterloo University, McMaster, Guelph and environment 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 ReNeuvo will maintain operational environmental responsibility. These policies are ingrained and an integral part of our corporate mandate and our company culture.