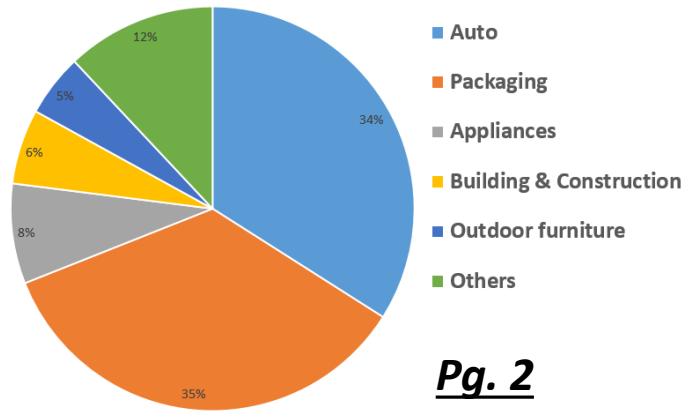


Unique Capabilities in Recycled Raw Materials

Industries We Service



Pg. 2

Unique Tech. + Materials



Packaging



Auto

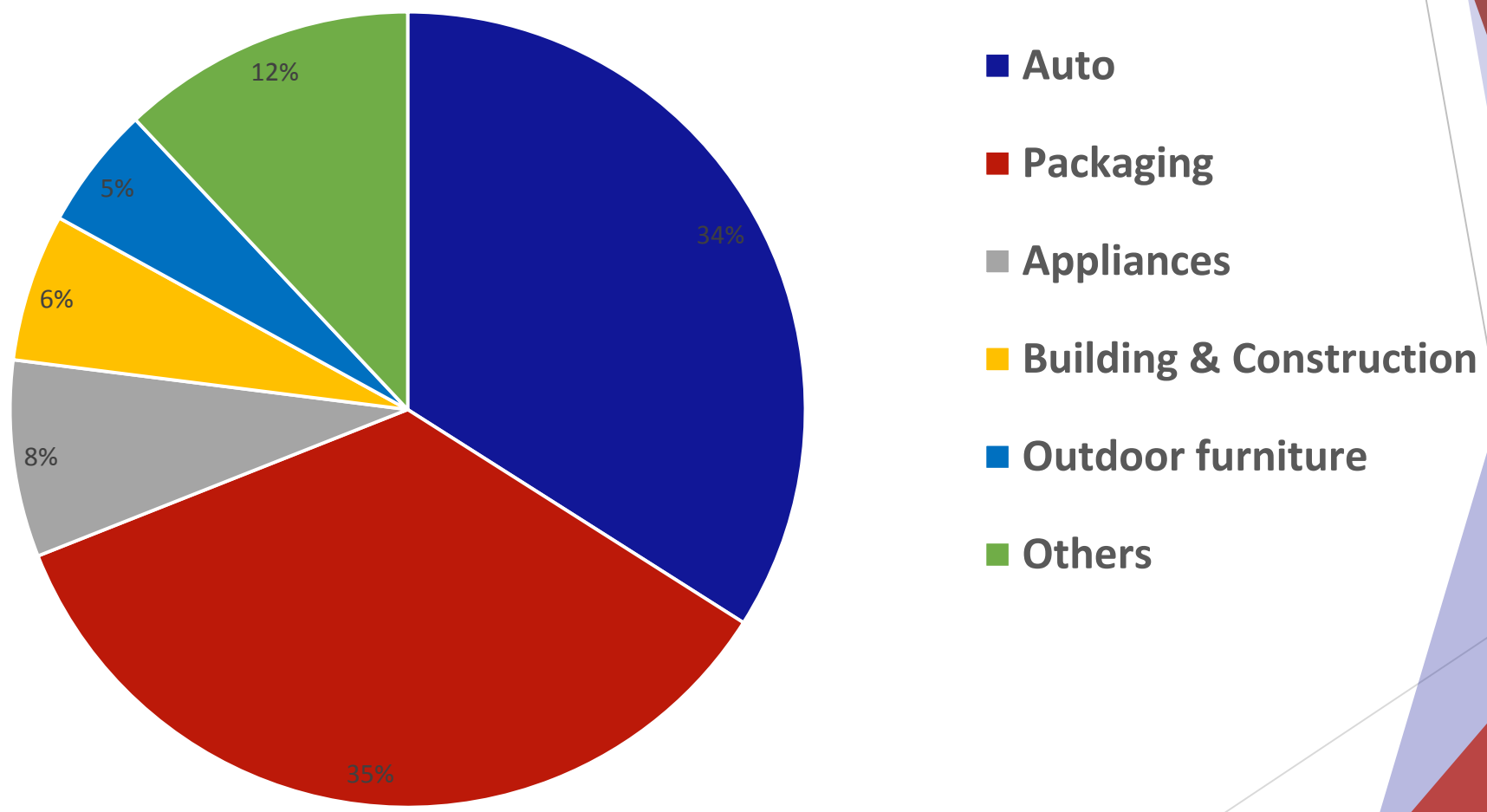


About Us 🇨🇦





Industries We Service



Unique Technology

- Remove Cross-linked foam
- Depaint bumpers
- Demetalize
- Devolatize scrap.
- Color Sort

Material Solutions

- Alter Properties (Melt, Izod, etc.)
- Custom Compound
- Investment in R&D and equipment
 - To improve scrap value
 - To find solutions for challenging scrap



Packaging



 We process over 20 million lbs/year of packaging scrap

Materials Processed

 PP

 PE

 PS

 PET

 PVC

 Film

 Sheets

 Fiber

 Bottles/Preforms

 Purge/Drools

 Fines

 Metalized

 Barrier

 Coated

 Printed

 Laminated

Packaging

Carpet

Printed

Barrier

Coated

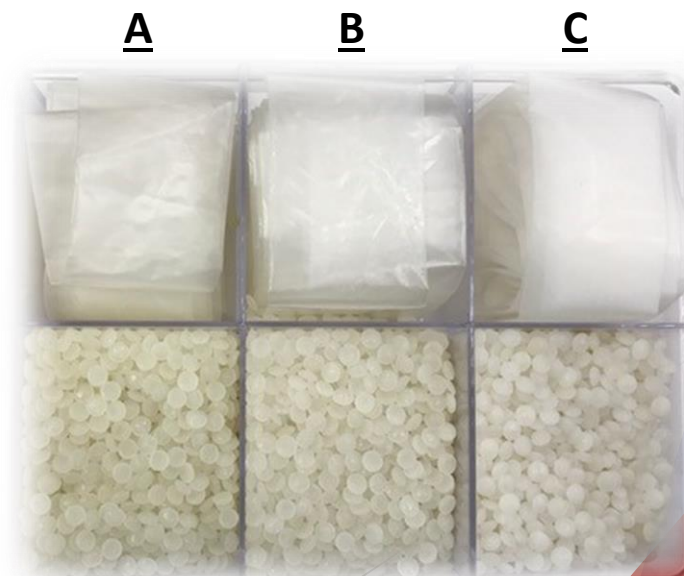


Packaging: LDPE w/Nylon – Blown Film



Physical Property	Test Condition	Unit	Compound A (Nylon 5-10%)	Compound B (Nylon 5-10%)	Compound C (Nylon 20-30%)
Melt Flow Rate	230°C/2.16 kg	g/10 min	0.5	0.6	0.7
Density		g/cm3	0.936	0.935	0.97
Ash Content	1652°F / 15 min	%	0.4%	0.4%	0.1%
Tensile Strength @Yield	2in/min, 50 mm/min	psi	2,600	2,540	2,020
Flexural Strength	0.051 in/min	psi	1,230	1,110	1,510
Flex Mod		psi	33,400	36,500	30,500

*Unique capability of producing film grade repro from Nylon Barrier Film scrap.



← Blown Film
from our

← Barrier Repro

Auto Industry



Attributes:

- ISO 9001:2008 Certified
- Minority Owned Supplier
(CAMSC certified)
- We Service: Tier 1, 2 & 3 suppliers
- Quality audited by various auto parts manufacturers

Benefits:

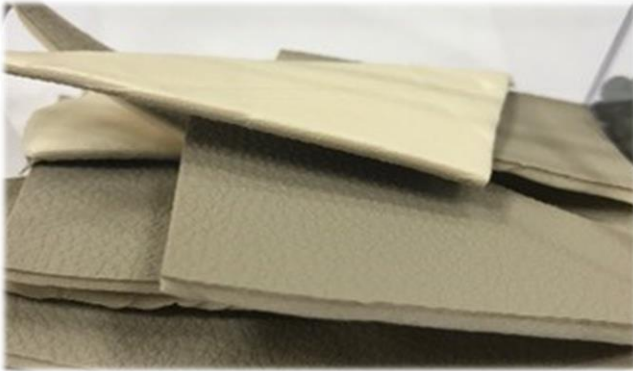
- Support Sustainability Initiatives
- Scrap Management
- Cost Reduction through Toll
Compounding services



PP/TPO: Dashboard Skin

KP-PPC2M20B

(Polypropylene copolymer Repro Black)



Physical Property	Test Condition	Test Method	Unit	Typical Value
Melt Flow Rate	230°C/2.16 kg	ASTM D 1238	g/10 min	1.4
Density		ASTM D 792	g/cm3	0.94
Tensile Strength, @Yield	2in/min, 50 mm/min	ASTM D 638	psi	2050
Izod Impact Strength Notched	23° C	ASTM D 256 Method A	ft-lb/in	8.5
Ash Content	1652°F / 15 min	ASTM D5630	%	7.5



TPO: Painted Bumper

KP-TPO20M20B (TPO Depainted Repro Black)



Physical Property	Test Condition	Test Method	Unit	Typical Value
Melt Flow Rate	230°C/2.16 kg	ASTM D 1238	g/10 min	25
Density		ASTM D 792	g/cm3	1.04
Tensile Strength, @Yield	2in/min, 50 mm/min	ASTM D 638	psi	2040
Izod Impact Strength Notched	23° C	ASTM D 256 Method A	ft-lb/in	11
Ash Content	1652°F / 15 min	ASTM D5630	%	18
Hardness	Shore D	ISO 868	A	89



PC: Painted/Metalized

KP-PC10M20B (Polycarbonate Repro Black)




Physical Property	Test Condition	Test Method	Unit	Typical Value
Melt Flow Rate	230°C/2.16 kg	ASTM D 1238	g/10 min	13
Density		ASTM D 792	g/cm3	1.2
Tensile Strength, @Yield	2in/min, 50 mm/min	ASTM D 638	psi	8510
Izod Impact Strength Notched	230 C	ASTM D 256 Method A	ft-lb/in	2.2
Ash Content	16520F / 15 min	ASTM D5630	%	14

About Us



 Canadian company established in 1992, located in Toronto

 185,000 sq. ft. facility

 In-house capabilities:

 Compounding

 Grinding

 Demetalizing

 Shredding

 Blending

 Depainting

 In-house Laboratory:

 Melt

 Tensile

 Filler

 Flex Modulus

 Density

 Hardness

 Izod

 Moisture Analysis







Millions Processed Annually, Billions To Go



Upcoming Projects - 2018



-  Additional Compounding line with 20 million Lbs/year added capacity
-  Recovering PP/PET Auto parts from Landfill
-  HIPS/PET Separation
-  Polymer Separation



Millions Processed Annually, Billions To Go





About Us

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Millions Processed Annually, Billions To Go

ISO 
9001:2008
REGISTERED

