

# The Most Sustainable Materials & Products Catalog



Compostable Resins



Recycled Resins



Bio-content Resins



Products





# RESIN SOLUTIONS

**100% END-OF-LIFE RECOVERY**

**MADE WITH UPCYCLED WASTE**

**AT LEAST 50% LOWER CO<sub>2</sub> EMISSIONS**

**COMPATIBLE WITH LEGACY EQUIPMENT**



## Compostable Resins

- ✓ 100% compostable in natural conditions, no PLA
- ✓ At least 20% faster degradation than other 100% compostable resins in the market


## Recycled Resins

- ✓ 100% recycled content and recyclable, no virgin plastic
- ✓ At least 10x more durability for repeat recyclability



## Bio-content Resins

- ✓ 100% recycled content and recyclable, no virgin plastic with up to 50% plant-waste
- ✓ Reduced reliance on fossil carbon inputs

**PBAT BLEND**  
Flexible applications




**100% COMPOSTABLE**



**FDA**

PFAS free  
PLA & virgin plastic free  
LDPE replacement

**PBS BLEND**  
Semi-rigid applications




**100% COMPOSTABLE**



**FDA**

PFAS free  
PLA & virgin plastic free  
PP/HDPE replacement

**BIOPBS BLEND**  
Semi-rigid applications




**100% COMPOSTABLE**


**FDA**

PFAS free  
PLA & virgin plastic free  
PP/HDPE replacement

**CELLULOSE BLEND**  
Rigid applications



**100% COMPOSTABLE**

**FDA**

PFAS free  
PLA & virgin plastic free  
PS/ABS replacement

**PGA BLEND**  
Rigid applications




**100% COMPOSTABLE**






**FDA**

PFAS free  
PLA & virgin plastic free  
PP/ABS replacement

**PHA BLEND**  
Semi-rigid applications




**100% COMPOSTABLE**


**FDA**

PFAS free  
PLA & virgin plastic free  
PP/HDPE replacement

**PCR PP BLEND**  
Rigid applications



**100% RECYCLABLE**



**FDA**

PFAS free  
PLA & virgin plastic free

**PCR HDPE BLEND**  
Semi-rigid applications



**100% RECYCLABLE**



**FDA**

PFAS free  
PLA & virgin plastic free

**PCR LDPE BLEND**  
Flexible applications



**100% RECYCLABLE**



**FDA**

PFAS free  
PLA & virgin plastic free

**PCR PET BLEND**  
Rigid applications



**100% RECYCLABLE**



**FDA**

PFAS free  
PLA & virgin plastic free

**PCR PP BLEND**  
Rigid applications



**LESS CO<sub>2</sub>**

**UP TO 50%  
PLANT-WASTE**

Food grade  
PFAS free  
PLA & virgin plastic free

**PCR HDPE BLEND**  
Semi-rigid applications



**LESS CO<sub>2</sub>**

**UP TO 50%  
PLANT-WASTE**

Food grade  
PFAS free  
PLA & virgin plastic free

**PCR LDPE BLEND**  
Flexible applications



**LESS CO<sub>2</sub>**

**UP TO 50%  
PLANT-WASTE**

Food grade  
PFAS free  
PLA & virgin plastic free

**PCR PET BLEND**  
Rigid applications



**LESS CO<sub>2</sub>**

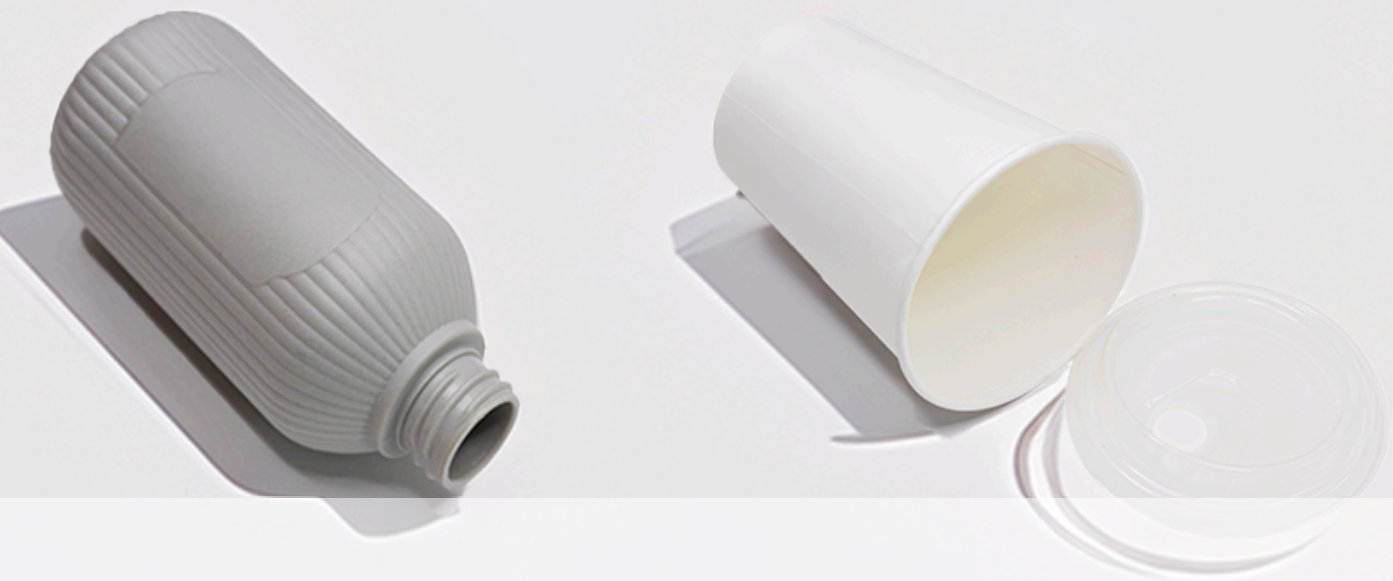
**UP TO 50%  
PLANT-WASTE**

Food grade  
PFAS free  
PLA & virgin plastic free



# PRODUCT SOLUTIONS

**ELIMINATE VIRGIN PLASTIC AND PLA  
WITHOUT COMPROMISING ON QUALITY,  
FUNCTIONALITY, OR EXPERIENCE.**



**WE MAKE PRODUCTS NEAR YOU TO  
AVOID TARIFFS AND DELIVER FASTER,  
WITH NEARBY DISTRIBUTION TO ENSURE  
YOU ALWAYS HAVE WHAT YOU NEED.**

**STRAWS**




**Material Selection:**  
**BioPBS**  
 100% compostable  
**Cellulose Acetate**  
 100% compostable  
**PCR PP**  
 100% recyclable

CUSTOMIZABLE SIZE,  
 COLOR, PACKAGING

Option to add plant waste

**IRRIGATION TUBES**



**Material Selection:**  
**BioPBS**  
 100% compostable  
**Cellulose Acetate**  
 100% compostable  
**PCR PP**  
 100% recyclable

CUSTOMIZABLE SIZE,  
 COLOR, PACKAGING

Option to add plant waste

**CUTLERY**



**Material Selection:**  
**Cellulose Acetate**  
 100% compostable  
**PCR PP**  
 100% recyclable

CUSTOMIZABLE COLOR,  
 PACKAGING

Option to add plant waste

**CUTLERY KITS**



**Material Selection:**  
**Cellulose Acetate**  
 100% compostable  
**PCR PP**  
 100% recyclable

CUSTOMIZABLE COLOR,  
 PACKAGING

Option to add plant waste

**CUTLERY CAMPING KITS**



**Material Selection:**  
**Cellulose Acetate**  
 100% compostable  
**PCR PP**  
 100% recyclable

CUSTOMIZABLE COLOR,  
 PACKAGING

Option to add plant waste

**POP TUBES**



**Material Selection:**  
**BioPBS**  
 100% compostable  
**PCR PP**  
 100% recyclable

CUSTOMIZABLE SIZE,  
 COLOR, PACKAGING

Option to add plant waste

**EYEWEAR FRAMES**



**Material Selection:**  
**Cellulose Acetate**  
 100% compostable  
**PCR PP**  
 100% recyclable

CUSTOMIZABLE COLOR,  
 PACKAGING

Option to add plant waste

**GOLF TEES**



**Material Selection:**  
**Cellulose Acetate**  
 100% compostable  
**PCR PP**  
 100% recyclable

CUSTOMIZABLE COLOR,  
 PACKAGING

Option to add plant waste

**LAMINATED PAPER CUPS**



**Material Selection:**  
**PBAT LINER**  
 100% compostable  
**PCR PE LINER**  
 100% recyclable

Option to add plant waste

**CUSTOMIZABLE SIZE, COLOR, PACKAGING**

**LAMINATED PAPER LIDS**



**Material Selection:**  
**PBAT LINER**  
 100% compostable  
**PCR PE LINER**  
 100% recyclable

Option to add plant waste

**CUSTOMIZABLE SIZE, COLOR, PACKAGING**

**LAMINATED PAPER CONTAINERS**



**Material Selection:**  
**PBAT LINER**  
 100% compostable  
**PCR PE LINER**  
 100% recyclable

Option to add plant waste

**CUSTOMIZABLE SIZE, COLOR, PACKAGING**

**LAMINATED PAPER CUTLERY**



**Material Selection:**  
**PBAT LINER**  
 100% compostable  
**PCR PE LINER**  
 100% recyclable

Option to add plant waste

**CUSTOMIZABLE COLOR, PACKAGING**

**ABSORBENT FRUITS & VEGETABLE PADS**



**Material Selection:**  
**PBAT**  
 100% compostable  
**PCR PE**  
 100% recyclable

Option to add plant waste

**CUSTOMIZABLE SIZE, COLOR, PACKAGING**

**ABSORBENT MEAT PADS**



**Material Selection:**  
**PBAT**  
 100% compostable  
**PCR PE**  
 100% recyclable

Option to add plant waste

**CUSTOMIZABLE SIZE, COLOR, PACKAGING**

**PRODUCE BAGS**



**Material Selection:**  
**PBAT**  
 100% compostable  
**PCR PE**  
 100% recyclable

Option to add plant waste

**CUSTOMIZABLE SIZE, COLOR, PACKAGING**

**RETAIL BAGS**



**Material Selection:**  
**PBAT**  
 100% compostable  
**PCR PE**  
 100% recyclable

Option to add plant waste

**CUSTOMIZABLE SIZE, COLOR, PACKAGING**



**GROCERY BAGS**

**Material Selection:**  
**PBAT**  
100% compostable  
**PCR PE**  
100% recyclable

Option to add plant waste

**CUSTOMIZABLE SIZE, COLOR, PACKAGING**



**GARBAGE BAGS**

**Material Selection:**  
**PBAT**  
100% compostable  
**PCR PE**  
100% recyclable

Option to add plant waste

**CUSTOMIZABLE SIZE, COLOR, PACKAGING**



**POLY MAILERS**

**Material Selection:**  
**PBAT**  
100% compostable  
**PCR PE**  
100% recyclable

Option to add plant waste

**CUSTOMIZABLE SIZE, COLOR, PACKAGING**



**OPAQUE TRAYS**

**Material Selection:**  
**PHA**  
100% compostable  
**PCR PP**  
100% recyclable

Option to add plant waste

**CUSTOMIZABLE COLOR, PACKAGING**



### PAPER MULCH FILMS

**Under development  
with:**

Government of Korea

Waterloo University



### MULCH FILMS

**Under development  
with:**

Government of Korea

Waterloo University



### MARINE BUOYS

**Under development  
with:**

Government of Korea



### DIAPERS

**Under development  
with:**

Waterloo University



### TRANSPARENT TRAYS

**Under development  
with:**

CTK Clip



### CONTAINERS

**Under development  
with:**

CTK Clip



### BOTTLES

**Under development  
with:**

CTK Clip

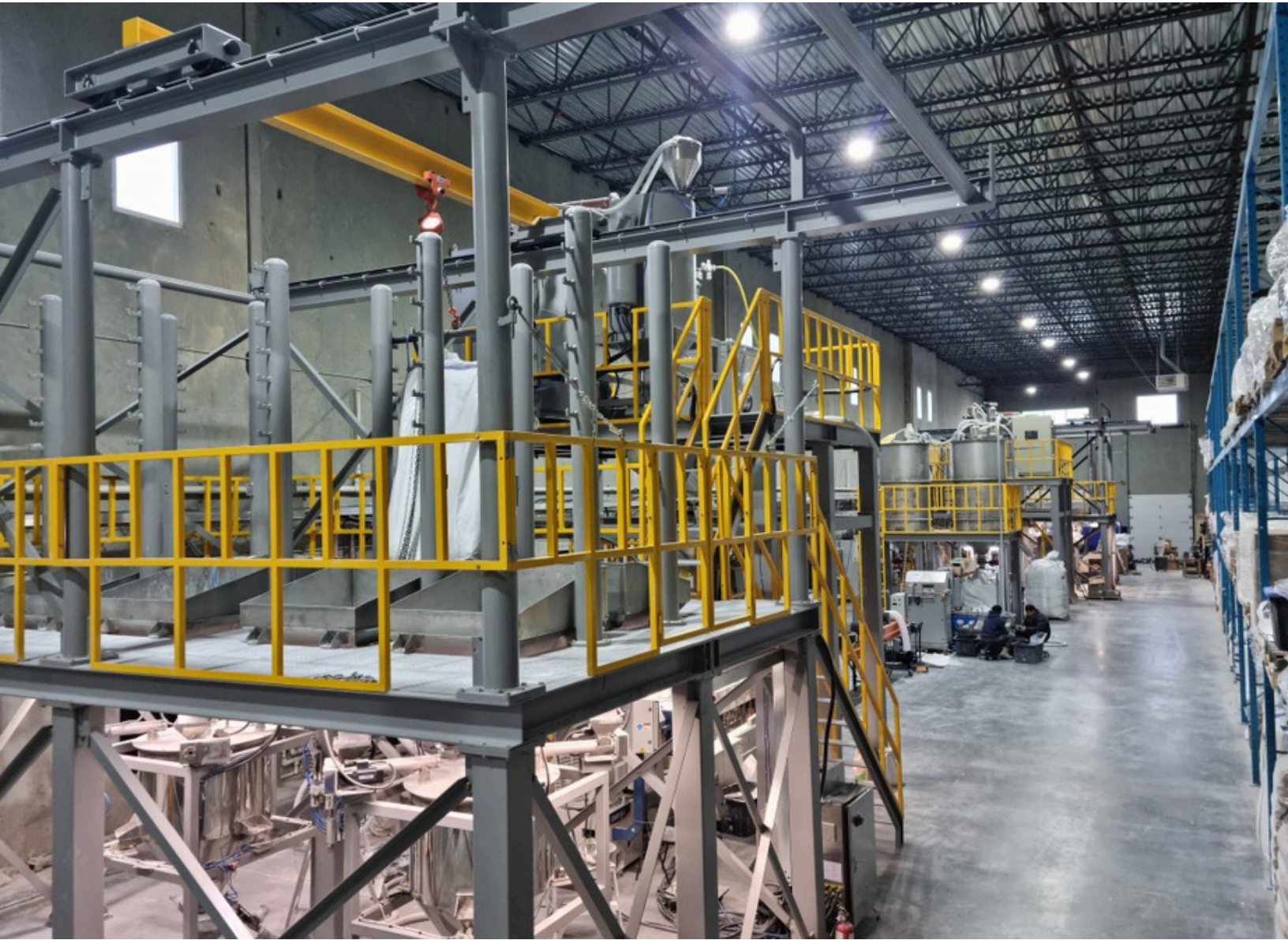


### COSMETICS

**Under development  
with:**

CTK Clip

Tony Moly





# Get to know CTK Bio

Why?

**We exist to accelerate the world's transition to sustainable materials.**

How?

**We aim to reach price parity with virgin plastics unlocking mass adoption of sustainable materials.**

What (Now)?

**We compound compostable and recycled resins with our proprietary masterbatch and upcycled plant waste.**

What (Future)?

**We'll manufacture our own resins, both compostable (from plant waste) and recyclable (from plastic waste).**



**Sustainable Solutions Platform**

Material sourcing

Product sourcing

**CTK Bio**

102-6628 176A Street, Surrey, BC, V3S 2A7, 🇨🇦

Email: [info@ctkbio.com](mailto:info@ctkbio.com)

Phone: 604-372-4200

Website: [www.ctkbio.com](http://www.ctkbio.com)