

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549**

FORM 8-K

CURRENT REPORT

Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

Date of Report (Date of earliest event reported): October 1, 2025



PureCycle Technologies, Inc.

(Exact name of registrant as specified in its charter)

Delaware

(State or other jurisdiction
of incorporation)

001-40234

(Commission File Number)

86-2293091

(IRS Employer
Identification No.)

20 North Orange Avenue, Suite 106

Orlando, Florida

(Address of principal executive offices)

32801

(Zip Code)

Registrant's telephone number, including area code: 877 648-3565

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- ☐ Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- ☐ Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- ☐ Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- ☐ Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Securities registered pursuant to Section 12(b) of the Act:

Title of each class	Trading Symbol(s)	Name of each exchange on which registered
Common Stock, par value \$0.001 per share	PCT	The Nasdaq Stock Market LLC
Warrants, each exercisable for one share of common stock, \$0.001 par value per share, at an exercise price of \$11.50 per share	PCTTW	The Nasdaq Stock Market LLC
Units, each consisting of one share of common stock, \$0.001 par value per share, and three quarters of one warrant	PCTTU	The Nasdaq Stock Market LLC

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§ 230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§ 240.12b-2 of this chapter).

Emerging growth company ☐

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act. ☐

Item 7.01 Regulation FD Disclosure.

On October 1, 2025, PureCycle Technologies, Inc. (the “Company”) participated in the TPO 2025 Global Automotive Conference. A copy of the presentation is attached hereto as Exhibit 99.1.

The information in Item 7.01 is being furnished and shall not be deemed “filed” for the purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the “Exchange Act”), nor shall it be deemed incorporated by reference in any of the Company’s filings under the Securities Act, or the Exchange Act, whether made before or after the date hereof, except as shall be expressly set forth by specific reference to this Report in such filing.

This Current Report on Form 8-K, and the accompanying exhibit, may contain forward-looking statements, including statements about the use of the Company’s technology and prospects of the Company. Forward-looking statements generally relate to future events or the Company’s future financial or operating performance and may refer to projections and forecasts. The forward-looking statements are based on the current expectations of the Company’s management, and are inherently subject to uncertainties and changes in circumstances and their potential effects and speak only as of the date of this Current Report on Form 8-K. There can be no assurance that future developments will be those that have been anticipated. These forward-looking statements involve a number of risks, uncertainties or other assumptions that may cause actual results or use to be materially different from those expressed or implied by these forward-looking statements.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits

Set forth below is a list of Exhibits included as part of this Current Report.

<u>Exhibit</u> <u>Number</u>	<u>Description of Exhibit</u>
<u>99.1</u> 104	<u>Class A, Painted Automotive Plastics Parts from 100% Post-Consumer Recycled PP Presentation</u> The cover page from this Current Report on Form 8-K, formatted as Inline XBRL

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

PureCycle Technologies, Inc.

Date: October 6, 2025

By: /s/ Brad Kalter

Brad Kalter, General Counsel, Chief Compliance Officer and Corporate Secretary

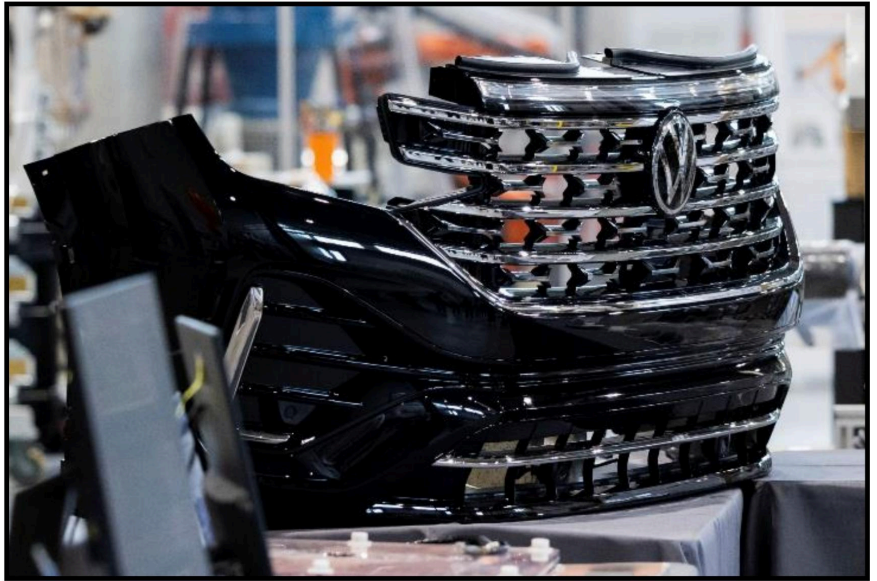
Class A, Painted Automotive Plastics Parts from 100% Post-Consumer Recycled PP

Classification: Public



Recycling and Circular Economy

rPP for Bumper Facia Cover
Application - VW Atlas



Source: VWGoA - Innovation Hub Knoxville

Fully assembled VW ATLAS bumper with rPP

Motivation

Government Response: EU ELV Directive Proposal



EU Commission's proposal on 'End of Life Vehicles' Regulation (ELV)

- Published 13th of July 2023
- To enhance the circularity of the automotive sector, covering the design, production and End of Life treatment of vehicles
- Applies mainly to passenger cars and SUVs

Ensure that at least 25%¹ of plastic used to build a vehicle comes from recycling (of which 25% from recycled ELVs)²

Circularity Requirements

- Design for Circularity
- End of Life Vehicle Management
- Extended Producer Responsibility
- Recycled Content Target for new vehicles.

(Source: PlasticsEurope³)

Challenge: high-quality PCR materials

- "The recycled content target shall enter into force ... 2030"



1. * Proposal draft may reduce to 20 % EU Parliament Revises End-of-Life Vehicle Rules, Lowers Recycled Plastic Targets
2. End-of-Life Vehicles - Environment - European Commission
3. [2024.11.14-Plastics-Europe-position-ELVR.pdf](#)

Plastic Bumper Recycling

- **“Recycling Plastic car bumpers could prevent over a million pounds of waste from landfills annually”¹**
- Today the average new car bumper is made from multiple types of plastic and may have integrated lights, turn signals, reflectors, wiring harnesses, mounting brackets and sensors
- Removing and separating the parts to get to the bumper core is time-consuming and costly



1. Recycling Plastic Car Bumpers Could Prevent Over A Million Pounds Of Waste - Auto Recycling World, March 4, 2021

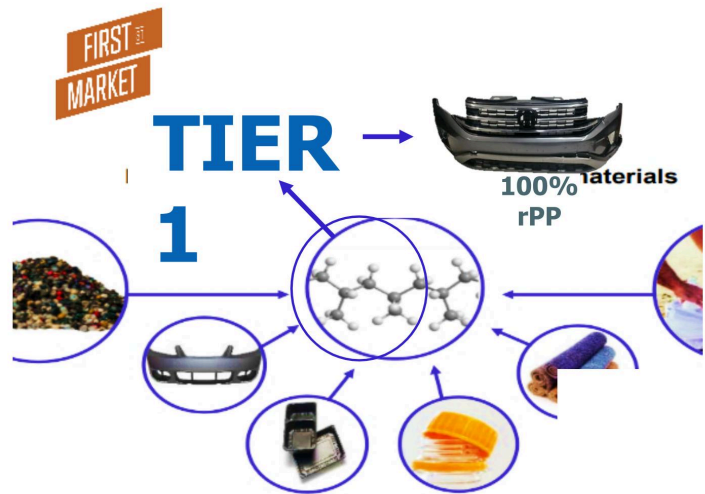
Approach: Dissolution Recycled PP for Body Parts

Project Value:

- ✓ **First-to-market** painted recycled sustainable PP bumper solution from plastic waste.
- ✓ **Dissolution recycling** offers carbon emissions savings.
- ✓ **No need for new tooling** material functions as a drop-in solution.
- ✓ Supports VW's **decarbonization goals by 2050** through recycled materials.
- ✓ Complies with **EU ELV regulations**: 25% automotive plastics from PCR, with 25% closed-loop recycling.

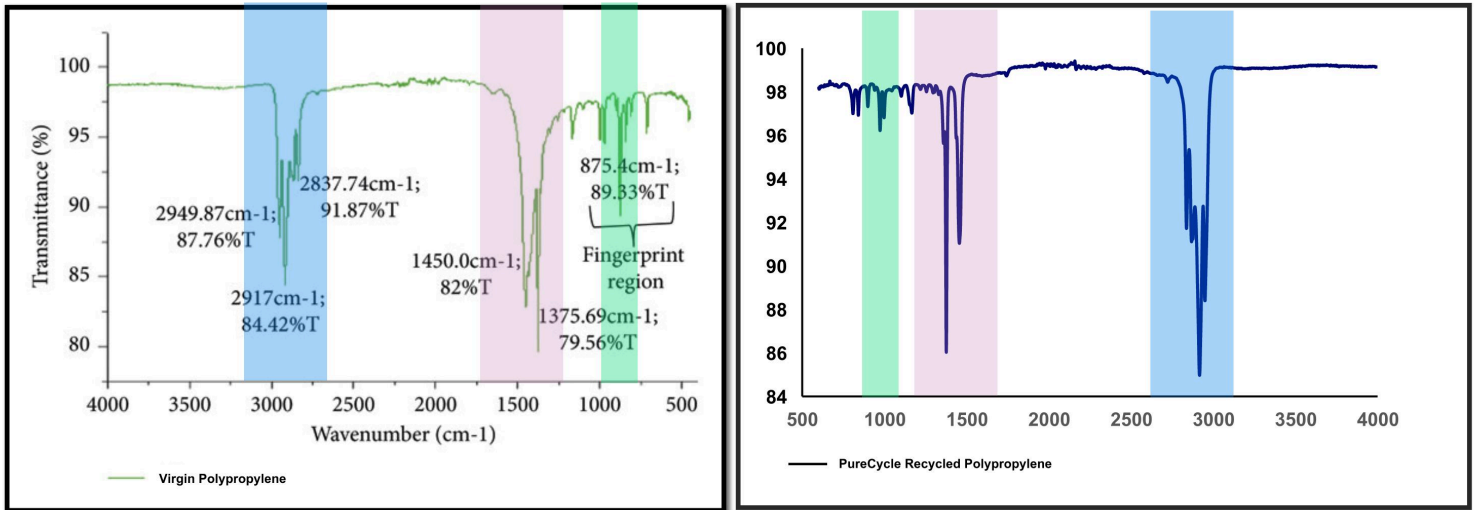
Technology:

- Dissolution recycling process combined with mechanical recycling.



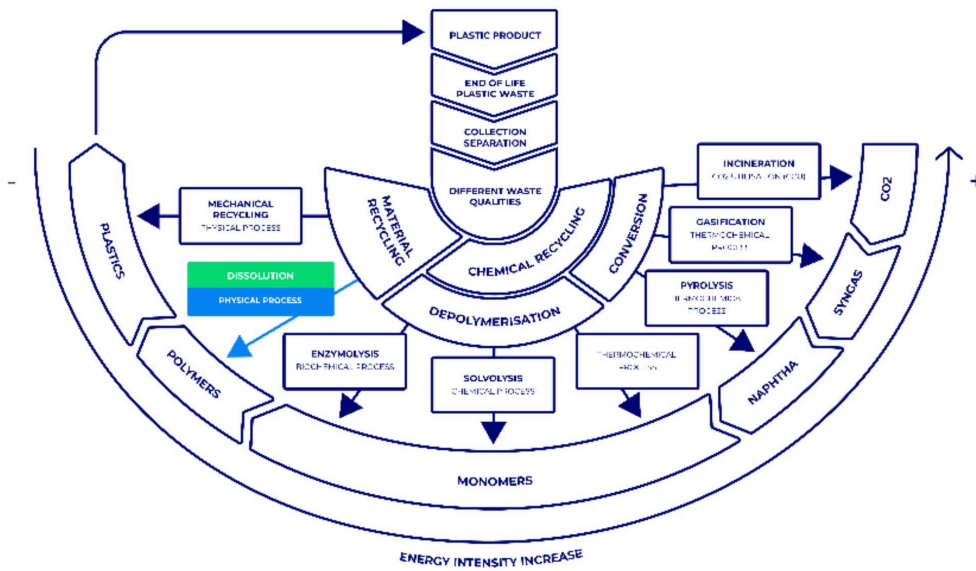
PureCycle and VWGoA Innovation Hub Testing

100% recycled material



Shelf-stable PCR before and after purification: FTIR analysis displays PureCycle's ability to remove impurities and provide high-quality rPP resin.

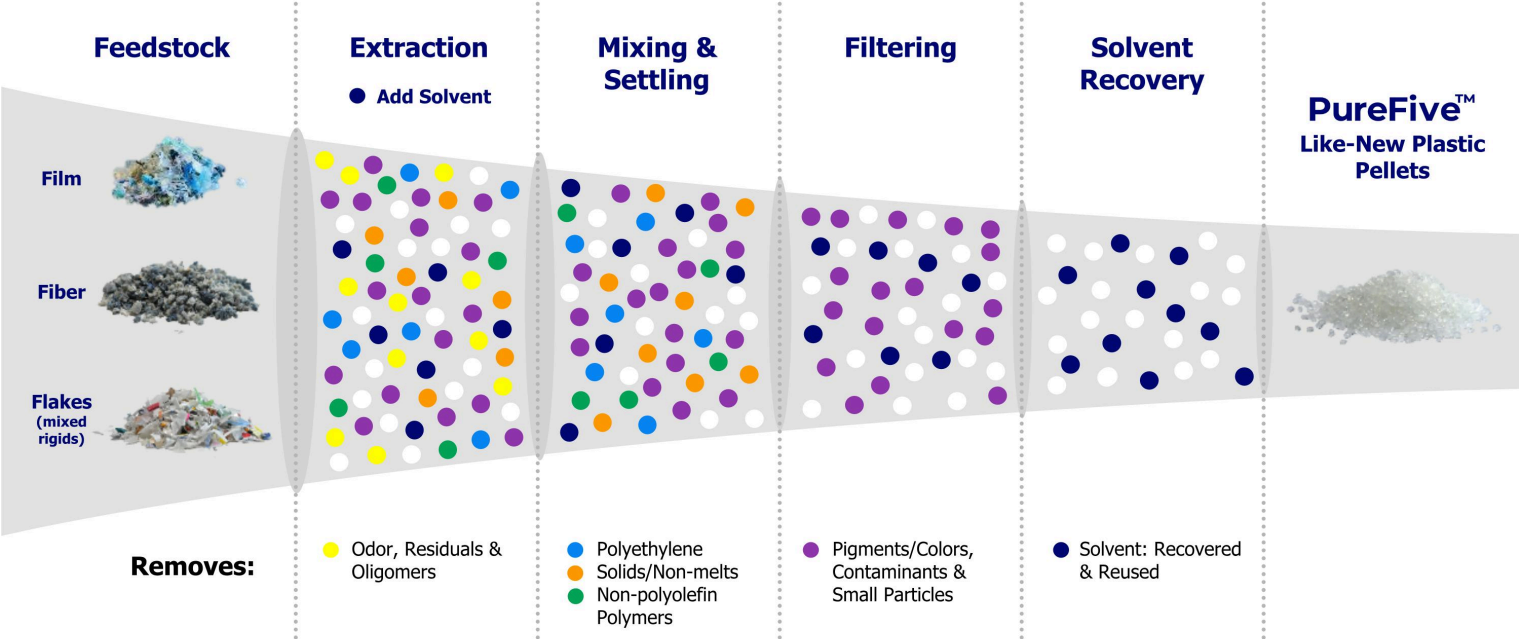
Different Methods of Recycling Plastics



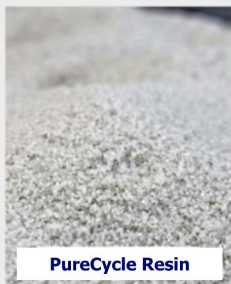
Nova-institute.eu 2023 ; <https://renewable-carbon.eu/publications/product/diversity-of-different-advanced-recycling/>

PureCycle's dissolution recycling method is neither chemical nor mechanical recycling, but rather it is a physical process.

Step-by-Step: PureCycle's Dissolution Process



PureFive™ Resin in Fiber Applications



PureCycle Resin



Fiber Made from rPP



Fiber Package



Finished Product - Carpet

PureCycle LCA Outlook

BOUNDLESS
IMPACT RESEARCH & ANALYTICS

Original (2022) Independent
3rd Party LCA Report on Ironton



ENERGY FOOTPRINT

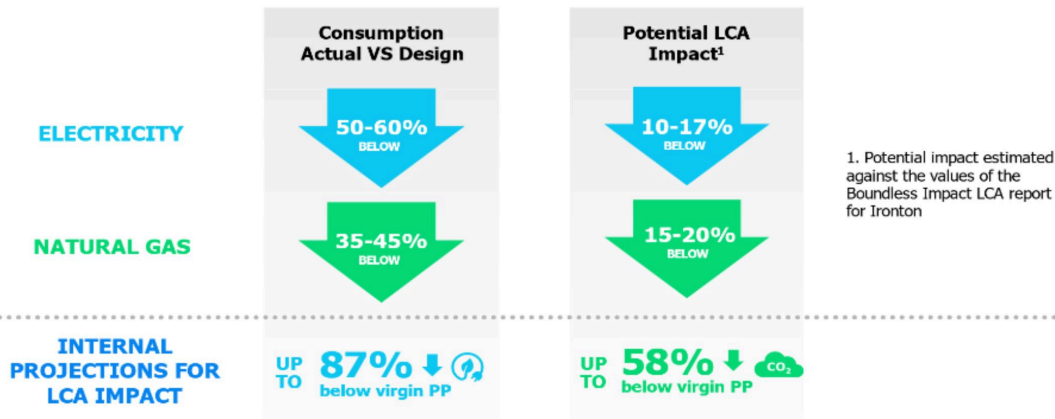
IRONTON
79% ↓
below virgin PP



GHG FOOTPRINT

IRONTON
35% ↓
below virgin PP

EARLY INTERNAL ESTIMATES FOR ACTUAL ENERGY CONSUMPTION



HPP30S

PureFive™

Homopolymer Polypropylene

Values shown here represent an average range, $\pm 20\%$, and is anticipated for the commercial grade properties.

Typical Characteristics¹

	Value	Units	Test Method
Physical Property			
Melt Flow Rate, MFR	30 \pm 5	(g/10 min)	ASTM D1238, 230 °C, 2.16 kg
Density	0.9	(g / cm ³)	ASTM D792
Mechanical Properties¹			
Tensile Yield Stress	33	(MPa)	ISO 527-2/50
	4786	(Psi)	
Flexural Modulus, 1% secant	1.4	(GPa)	ISO 178
	203	(Ksi)	
Notched Izod Impact at 23 °C	0.4	(ft.-lbs./in)	ASTM D256
	40	(J/m)	

Recycling and Circular Economy

rPP for Bumper Fascia Cover Application - VW Atlas



Source: VWGoA - Innovation Hub Knoxville

Bumper Fascia part level tests

Test name	Results
50 cycles (environmental testing)	OK
Temperature Resistance: - 30°C	OK
Florida Weathering (2 cycles)	OK
Impact testing	OK
Flexural Strength Method A	OK
Cross-cut testing	OK

OK

Thank You

