



# NOVA CHEMICALS' CIRCULAR SOLUTIONS First Mechanical Recycling Facility Connersville, Indiana

NOVA Chemicals' Circular Solutions business has invested in its first mechanical recycling facility to increase the supply of high-quality, recycled polyethylene resins.

NOVA Chemicals is working with Novolex®, a leading developer of packaging products with 15 years' experience in operating plastic film recycling facilities, to run the facility.

NOVA Chemicals, headquartered in Calgary, Alberta, Canada, is a top five producer of petrochemicals in North America and strives to be the leading sustainable polyethylene producer in North America.

Polyethylene is the most common form of plastic in the world.

## NOVA CIRCULAR SOLUTIONS FIRST RECYCLING FACILITY:



**Location: 4747 Western Avenue, Connersville, IN 47331**

The **1.7 million square feet** manufacturing plant sits on **186 acres** and has been formerly used for automotive parts manufacturing and cabinet making. The new recycling facility will occupy approximately **450,000 square feet**.



**Approximately 125 local jobs created**



**The pellets in this facility will be sold as NOVA Chemicals' SYNDIGO™ recycled polyethylene (rPE)**

Estimated production of **113 M lbs.** of recycled polyethylene (rLLDPE) under NOVA's brand name, SYNDIGO™, by 2026.



## Why Indiana?

The facility is strategically located near five metropolitan areas: Indianapolis, Ind.; Cincinnati and Columbus, Ohio; Louisville, Ky.; and Chicago, IL. This will provide an abundance of post-consumer plastics to be used as recycling feedstock. There is also access to rail service enabling efficient distribution of the rPE to customers.

We are pleased to collaborate with the Indiana Economic Development Corporation on tax incentives and educational grants for training Indiana employees, as well as Duke Energy on competitive energy rates.



### What type of plastics will be processed at this facility?

The facility will recycle plastic films collected from retail, distribution centers and consumer drop-off locations. PE films are used to make a wide range of products such as flexible packaging for consumer goods and industrial applications such as pallet wrap.



### What happens once the film has been delivered to the facility?

At the Connersville recycling facility, the plastic film will be cleaned, chopped, remelted and formed into small plastic pellets that will be used to make new products such as packaging for food and drink, e-commerce, heavy-duty sacks, shrink wrap, and other applications.

#### FOR MORE INFORMATION:

View our website at

<https://www.novachem.com/locations/connersville-in-usa/>

or contact us at [public@novachem.com](mailto:public@novachem.com)



### The companies involved:

NOVA Chemicals' recycled polyethylene (rPE) business, NOVA Circular Solutions (announced in February 2023), is growing rapidly to help converters, brand owners, and retailers meet their sustainability goals for recycled content in packaging.

- Recycled polyethylene can be used in everyday items such as packaging for food and drink, e-commerce, heavy-duty sacks, shrink wrap, protective packaging, can liners, and a variety of other applications.



NOVA Circular Solutions and Novolex will work together to capitalize on each company's strengths and move as efficiently as possible to have the new recycling facility operational by early 2025.

- Novolex develops and manufactures diverse packaging and food service products that touch nearly every aspect of daily life for industries ranging from grocery, food packaging, restaurant and retail to medical applications and building supplies. Novolex has operated plastic films recycling facilities for more than 15 years and is a leading producer of polyethylene-based products including grocery and retail carry bags and can liners made with post-consumer recycled content.

### What's Next?

2023

Project Approval and Site Preparations Begin

2024

Ongoing Site Preparation, Equipment Installations, Hiring and Training of Employees

Q2 2025

First line in operation

Q1 2026

Four lines in operation



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