

SYNDIGO™

Recycled Polyethylene: Product Portfolio

A Plastic with Renewed Purpose

NOVA Chemicals' SYNDIGO™ recycled polyethylene (rPE) product portfolio enables converters and brand owners to realize their recycled content goals and meet the increased demands of consumers.

SYNDIGO resins are setting a new industry standard for recycled product development – they are ideal for broad market use, including the demanding food packaging industry. We believe that mechanically recycled PE is today's answer to circularity. It's here today and available at scale.

rHDPE

Product	Applications	Food Contact Status
rPE-0860	Blow molding (film and rigid)	None
rPE-0860-FC	Food packaging (film and rigid)	FDA Conditions of Use B-H

rLLDPE

Product	Applications	Food Contact Status
rPE-0418	E-commerce mailers, protective packaging, collation shrink, carry out bags, can liners	None
rPE-IN1*	Flexible food packaging	FDA Conditions of Use B-H
rPE-IN2*	Flexible food packaging	FDA Conditions of Use E-G
rPE-IN3	Stretch film, air bubble packaging, can liners, overwrap, heavy duty sacks	None
rPE-IN4	Heavy duty sacks, collation shrink, protective packaging, carry out bags, can liners	None

*We expect these products will become commercially available later in 2026.



SYNDIGO1 Mechanical Recycling Facility: Connersville, Indiana

- NOVA Circular Solutions' facility leverages a state-of-the-art design and world class equipment to produce high quality rPE resins made from post-consumer films.
- The mechanical recycling process has received a Letter of Non Objection (LNO) from the U.S. Food and Drug Administration (FDA) confirming its ability to produce post-consumer recycled (rLLDPE) that is suitable for food-contact applications.*