



Advanced Recycling



Plastic makes how we live possible, but it doesn't belong in the environment. Through advanced recycling, Chevron Phillips Chemical can convert plastic waste into new materials. Plastic waste that was once difficult to recycle can now be given a second life, a third, a fourth, and more.

How does it work?

Plastics that are difficult to recycle through conventional methods are sent to a special facility where they're transformed into a liquid called pyrolysis oil. Grocery bags, bubble wrap, and chip bags are a few examples of items that can be processed using this approach.

Back at our plant, we take the pyrolysis oil made from plastic waste and create clean, safe, circular plastics that can be used in many items the world needs every day. Advanced recycling is an innovative technology that allows us to reclaim valuable molecules from used plastics that would otherwise be lost to a landfill, destroyed or end up in the environment.

With advanced recycling, Chevron Phillips Chemical can keep plastic in a circular loop, breathing new life into plastic waste again, and again, and again.



Advanced recycling at Chevron Phillips Chemicals is:



Sustainable

Plastic waste repeatedly becomes new materials



Versatile

Can use a variety of plastics, especially difficult-to-recycle items



Clean & Safe

Properties of our products are identical to brand-new plastic