

Performance Plastics are Different

- Performance plastics are industrial, durable products designed to last longer.
- They are differentiated from single use containers, packaging and film plastics.
- Performance plastics are essential to industries such as healthcare, transportation, automotive, building materials, furniture manufacturing and electronics.
- IAPD members are committed to sustainability and environmentally responsible practices.

Advanced Recycling is Not Incineration

- Advanced recycling facilities do not burn or incinerate plastics.
- These technologies operate with little or no oxygen.
- Takes plastics back to their molecular form through proven technologies – pyrolysis, gasification, depolymerization.
- Advanced recycling is truly a game changer. It breaks down the solid material that can be used to remake plastics or products for other industries.

Advanced Recycling Complements Mechanical Recycling

- \$7 billion in advanced recycling investments have been announced.
- Plastics recycling is an essential component of the circular economy.
- Both technologies are needed as we transition plastic manufacturing and plastic recycling from a linear model to a circular model.

Environmental Benefits of Advanced Recycling

- Recaptures “hard to recycle” plastics.
- Creates a true circular recycling economy.
- Reduces greenhouse gas emissions and reduces need for virgin fossil extraction.
- Produces higher quality products than traditional, mechanically recycled products.

IAPD Supports Both Advanced Recycling and Mechanical Recycling

- IAPD calls on the EPA to recognize the benefits of mechanical recycling and advanced recycling in the National Strategy to Prevent Plastic Pollution.
- IAPD urges the EPA to direct funding in the Bipartisan Infrastructure Law to include programs that include mechanical and advanced plastics recycling.
- IAPD supports federal and state legislation to facilitate the construction and operation of advanced recycling infrastructure.