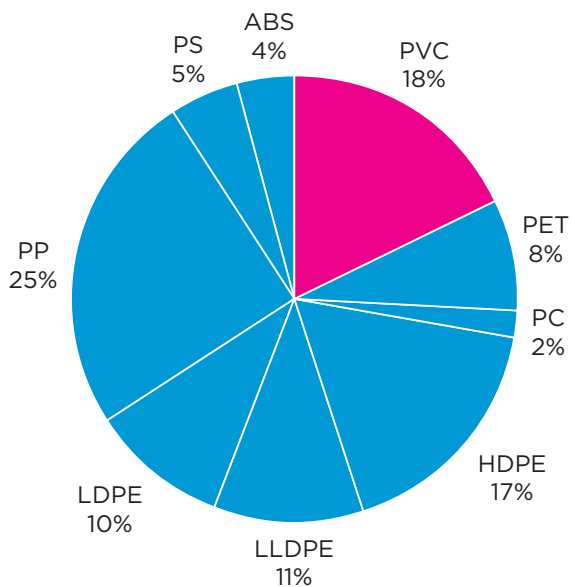




VINYL
A Responsible Choice

VINYL

Vinyl plays a vital role in your everyday life—from fire-safe wire insulation and life-saving blood bags to energy-efficient windows. The vinyl polymer is extremely versatile and can be formulated to be rigid or flexible; transparent or opaque; black, white, or vividly colorful.



VINYL IS THE SECOND MOST PRODUCED THERMOPLASTIC IN THE WORLD

Its affordability and exceptional resistance to fire, chemicals, and light have created a global demand that continues to grow.

Source: IHS Chemical





From lowering your carbon footprint to increasing your energy efficiency, vinyl provides an exceptional, sustainable, cost-effective solution. Learning the facts will help you make the best choice for your business.

FACT VS. FICTION

VINYL IS NON-TOXIC

Vinyl polymer, or PVC, has proven itself safe and vitally important for over 50 years.

Today's vinyl compounds are suitable for use in children's toys in accordance with strict guidelines set forth in the Consumer Product Safety Improvement Act (CPSIA).

VINYL IS TESTED AND APPROVED

From medical products to potable water applications to appliances, vinyl has been approved by regulatory agencies including the U.S. Food and Drug Administration, Underwriters Laboratories, Inc., CSA Group, RoHS and NSF International.

VINYL CAN BE MADE WITH ECO-CONSCIOUS ADDITIVES

The versatility of the vinyl polymer enables the use of eco-conscious ingredients to replace additives based on heavy metals and other substances of concern to our customers.

VINYL PROCESSING IS SAFE

Vinyl has been safely processed for decades and requires the same ventilation used with other polymers. Like other polymers, vinyl manufacturers use state-of-the-art processes and follow governmental regulatory guidelines and best practices to keep workers, communities and consumers safe.

VINYL IS RECYCLABLE

Vinyl has been safely recycled for years. Millions of pounds of post-consumer vinyl are reclaimed annually and made into useful products. These recycled materials retain the properties of the original polymer.

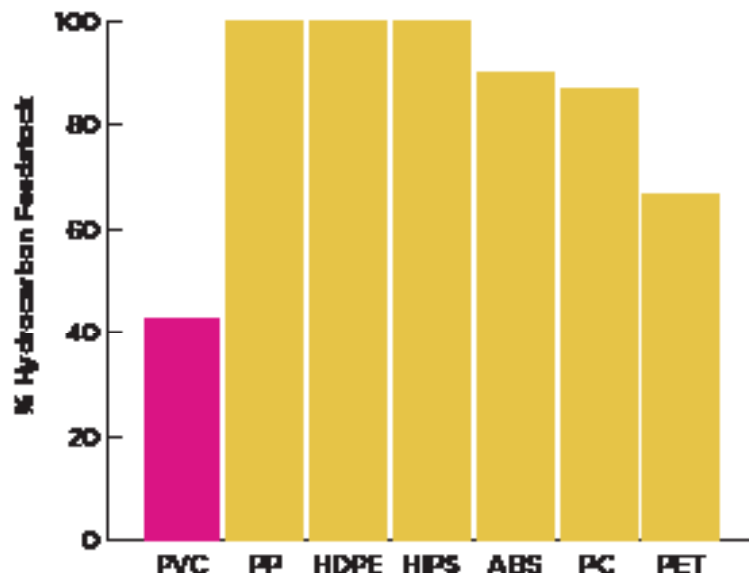
VINYL IS A RESPONSIBLE CHOICE

For more information on vinyl and its benefits, visit:

- The Vinyl Institute
www.vinylinfo.org
- Vinyl Council of Canada
www.plastics.ca
- European Council of Vinyl Manufacturers
www.pvc.org
- Vinyl Verified
www.vinylverified.com

ONLY 43% OF VINYL FEEDSTOCKS ARE DRAWN FROM OIL OR NATURAL GAS.

While competing polymers draw 90–100% of their feedstocks from oil or natural gas, 57% of vinyl feedstocks come from common salt—allowing you to reduce your dependency on hydrocarbons.



Source: U.S. Energy Information Administration

EXCEPTIONAL.

RESISTS THE ELEMENTS. INSISTS ON EXCELLENCE.

Resistant to fire, chemicals and light, vinyl is unlike any other polymer in the world—and delivers advantages no alternative can offer.

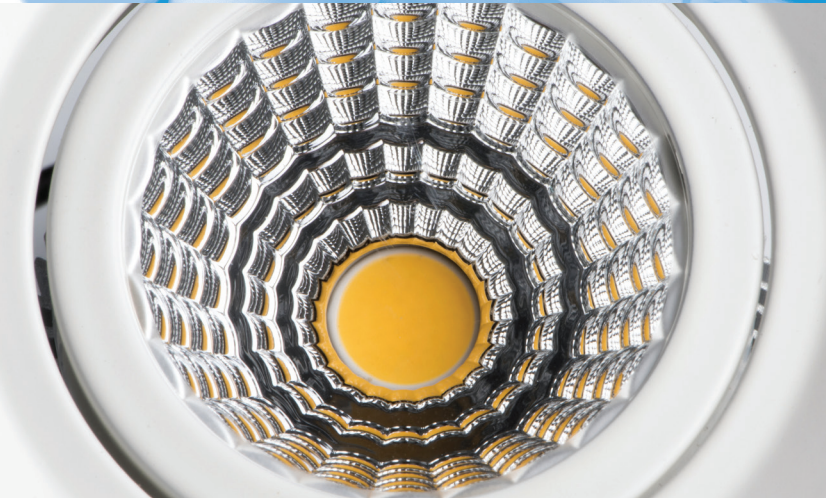
It inherently meets regulatory flame ratings, reducing the time required for part approvals.

It eliminates the need for potentially harmful flame retardant additives, and resists discoloration and stress cracking when exposed to household cleaners, hospital disinfectants, or sunlight.

Even in dark colors and varied climates, vinyl demonstrates excellent color-hold performance.

Vinyl is an exceptional choice for the most demanding applications.





SUSTAINABLE.

BIG ENERGY SAVINGS. SMALL CARBON FOOTPRINT.

Life cycle analyses have determined that vinyl's impact on the environment is comparable to—or lower than—alternative materials.

Requiring fewer hydrocarbon feedstocks, less energy to produce, and less heat to process, vinyl provides manufacturers with an energy-efficient alternative to competing polymers.

And because it has a lower contribution to greenhouse gases, it allows you to reduce your carbon footprint. Consumers expend less energy and resources thanks to vinyl's better thermal insulating properties and durability compared to traditional materials like aluminum and wood.

VERSATILE.

RIGID OR FLEXIBLE. AN EXCEPTIONAL VALUE.

The inherent properties of vinyl provide an excellent balance of cost and performance, and can lower the total cost of a solution versus traditional materials in many applications. While rigid vinyl can replace costly engineered thermoplastics or metals, flexible vinyl can replace thermoplastic elastomers and rubber.

By reducing or eliminating the need for secondary operations like painting of metal, and consolidating components into a single mold, vinyl can help to simplify production, reduce costs and open a world of design possibilities.



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