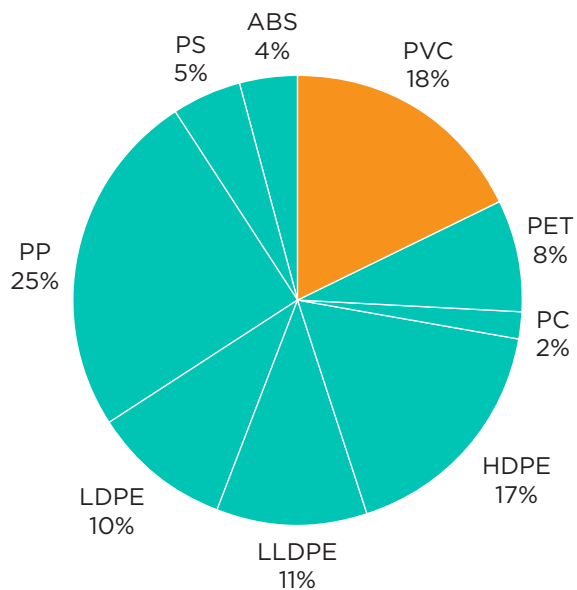




THE VALUE OF GEON™ VINYL

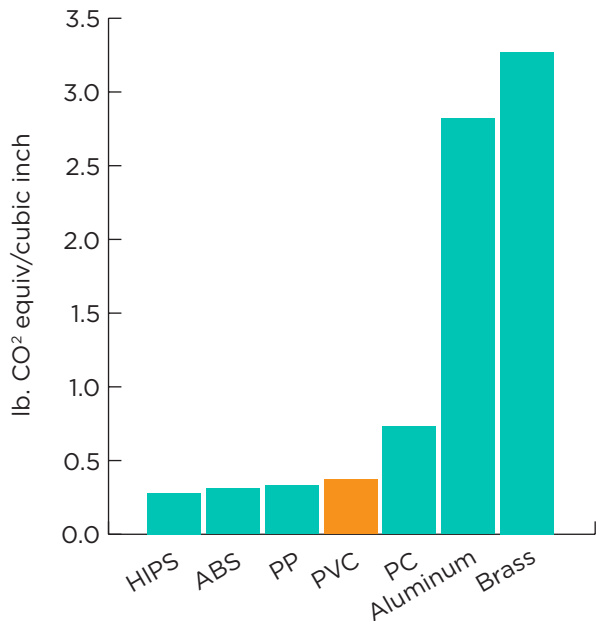
Durable, Weatherable, Sustainable, Flame & Chemical Resistant



VINYL IS THE SECOND MOST PRODUCED THERMOPLASTIC IN THE WORLD

Vinyl's affordability and exceptional inherent properties have created a global demand that continues to grow.

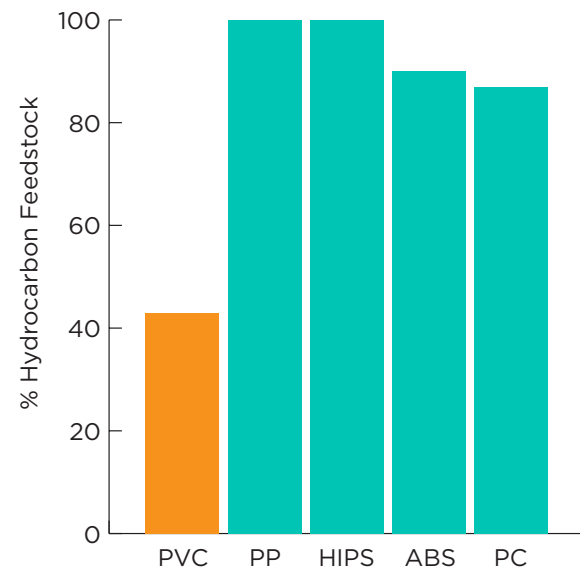
Source: IHS Chemical



LOWER GREENHOUSE GAS EMISSIONS DURING PRODUCTION

Parts manufactured with polymers have a lower carbon footprint throughout the supply chain vs. metals.

Source: Hammond and Jones, Inventory of Carbon & Energy (ICE) Version 2.0, University of Bath, 2011

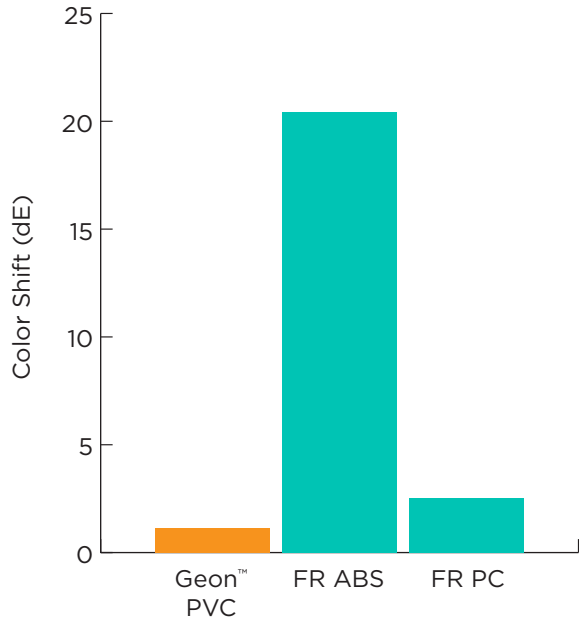


LOWER HYDROCARBON CONTENT - STABLE AND AFFORDABLE

Only 43% of vinyl feedstocks are drawn from oil or natural gas, while 57% comes from common salt, reducing dependency on hydrocarbons.

Source: U.S. Energy Information Administration

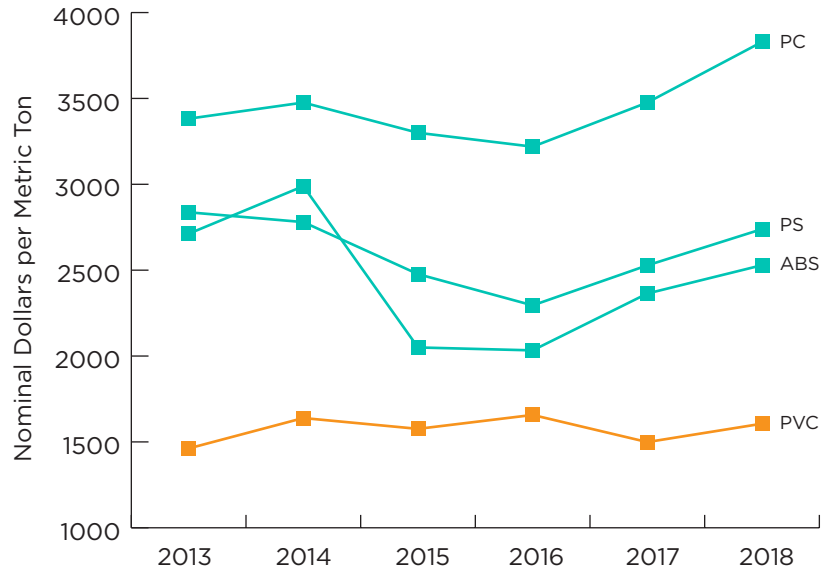
Color Shift After 500 hrs of UV Exposure



GOOD WEATHERING PERFORMANCE

Even in dark colors and varied climates, Geon™ PVC demonstrates excellent color hold performance.

Annual U.S. Resins Nominal Price

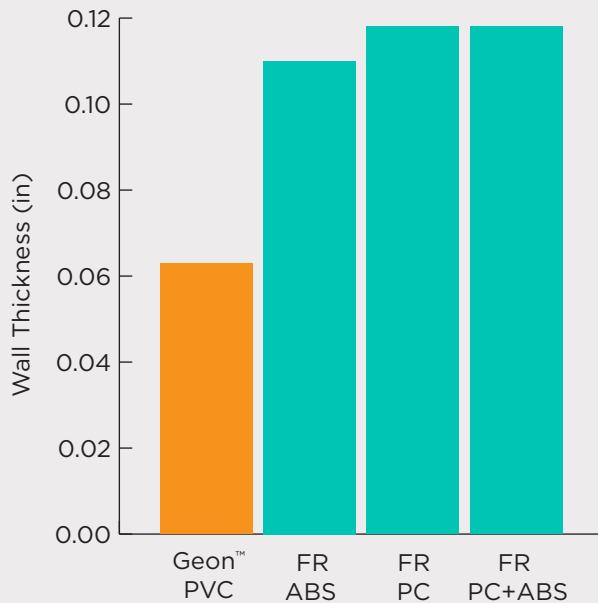


SUSTAINABLE CHOICE

PVC pricing has been more stable than other common resins

Source: IHS Markit, based on January 1 Contract Market Price

UL 94 5VA Rating



INHERENT FLAME RESISTANCE

Geon™ PVC can meet UL 94 5VA requirements at roughly half the thickness of competing materials without the need for FR additives.

Property Retention of Polymers After Exposure to Disinfectants

	T-Spray™ (quaternary ammonium)	CovidCide® (Isopropanol)	Cidex Plus® (Glutaraldehyde)
Acceptable 90-100%	Geon™ PVC	Geon™ PVC	Geon™ PVC
Marginal 50-90%	PC+PBT	PC+PBT PC+ABS PC+PET	PC+PBT
Poor <50%		ABS	ABS
Cracked	ABS PC+ABS PC+PET		PC+ABS PC+PET

Property retention after 3 days of continuous exposure to disinfectant.

EXCELLENT CHEMICAL RESISTANCE

Geon™ PVC stands up to even the strongest chemical disinfectants without cracking or failing.