

Prime Impax™ 650 & 6450

Our Prime Impax 650 (PI650) is a formulated High Impact Polystyrene for printing. Prime Impax 6450 (PI6450) is specifically designed for our distribution partners.

Special consideration has been given to this material selection and processing techniques to provide an affordable media that is up to the demands of screen print.

Customization

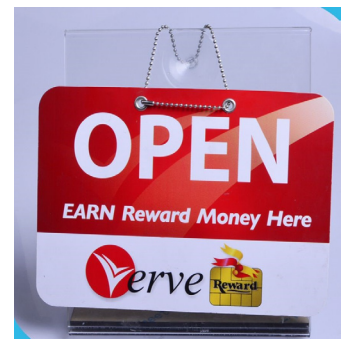
Our PI650, and PI6450 materials are made of FDA compliant polystyrene. PI650 and PI6450 are specifically designed for screen printing applications.

All can be color matched to meet your specific requirements through our vertical integration with Primex Color, Compounding & Additives.

Sustainability

Sustainability includes considering the product's circularity or end of life during the design of the finished product. PI 650 & PI 6450 is a polystyrene (recycle code 6) that can be recycled as a post-industrial or post-consumer product. Contact your Primex Territory Business Manager or check with local recycling facilities to determine where it is collected and recycled.

Primex Sustainability: A better tomorrow, starting today!



Prime IMPAX™ 650 | Data Sheet

PI650, and PI6450 is designed to meet a wide variety of screen print and digital print applications.

Applications

All is a formulated High Impact Polystyrene. It is designed to meet a wide variety of print applications, such as signs, gift cards, and menu boards.

Finishing

All can be fabricated by drilling, routing, sawing, die cutting and laser cutting. We provide All can be in sheet or roll stock and are capable of holding extremely tight tolerances by either square cutting or slitting.

Colors, Textures, and Capabilities

All is offered in thicknesses of .010-.400 and widths of up to 120". Textures available include; smooth, and matte with guidelines. UVI and protective masking also available.

Property	Method	Value	Unit
Specific Gravity	D792	1.04	g/cc
Melt Flow	D1238	3.0	g/10 min
Tensile @ Yield	D638	3,000	psi
Elongation @ Break	D638	50	psi
Flexural Modulus	D790	240,000	psi
Notched Izod @ 73°F	D256	2.3	ft-lb/in
HDT @ 264 psi	D648	185	°F
Vicat Softening Point	D1525	212	°F

FDA and UL compliant materials available upon request.

PI650 & PI6450	Very High	High	Avg.
Impact Strength		*	
Low Temperature Impact Strength			*
Tensile Strength		*	
Flexural Modulus		*	
Heat Deflection Temperature			*