

# PRIMEX

## PLASTICS CORPORATION

A subsidiary of ICC Industries Inc.



Prime DIGI-HIPS is a formulated High Impact Polystyrene. Special consideration has been given to this material selection and processing techniques to provide an affordable media that is up to the demands of digital printing.



## PRIME DIGI-HIPS

Prime Impax DIGI-HIPS	High	Avg.
Impact Strength	*	
Low Temperature Impact Strength		*
Tensile Strength	*	
Flexural Modulus	*	
Heat Deflection Temperature		*

Property	Test Method	Value	Unit
Specific Gravity	D-792	1.04	g/cc
Melt Flow Condition G	D-1238	3.0	g/10min
Tensile @ Yield	D-638	3000	psi
Flexural Modulus	D-790	240,000	psi
Elongation @ Break	D-638	50	%
Notched Izod @ 73°F	D-256	2.3	ft-lb/in
HDT @ 264 psi	D-648	185	°F
Vicat Softening Point	D-1525	212	°F

Complies with UL 94 HB at thickness >.059 in.  
Complies with FDA Regulation 21 CFR 177.1640

### Applications:

Prime DIGI\_HIPS is FDA compliant, satisfies the UL 94 HB criteria and is suitable for use in all digital printing applications such as signs, gift cards, and menu boards.

### Finishing:

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

### Processing:

With an embossed matte surface, the use of materials with large rubber particle size, and specialized corona treatment. Prime DIGI-HIPS is positioned to provide trouble free processing on today's high speed large and small format digital process.

### Colors, Textures and Capabilities

Prime DIGI-HIPS can be color matched to meet your specific requirements. It is offered in thicknesses of .010 -.125 and widths of up to 65". Texture available matte/matte only.