

# STYREX® 323

## High Impact Polystyrene





QUALITY CUSTOM PLASTIC SHEET



**STYREX® 323** is an impact-modified material designed to improve cutting performance. This blend offers increased tensile modulus and flexural modulus when compared to our standard STYREX® 320 material.

### MATERIAL ATTRIBUTES:

-  Ideal for projects with intricate cutting requirements
-  Great ink receptivity

RESIN PROPERTY	UNIT	VALUE	ASTM METHOD
Specific Gravity	g/cm <sup>3</sup>	1.04	D792
Vicat Softening Point	°F	212	D1525
Heat Deflection Temperature	°F	185	Internal
Rockwell Hardness	"L" scale	47	D785
Notched Izod Impact @ 73°F	ft-lb/in	2.4	D256
Tensile Modulus	psi	330,000	D638
Flexural Modulus	psi	330,000	D790

STANDARD CAPABILITIES	
Color	Natural
	White
	Custom Colors
Gauge/Thickness	Minimum - .015"
	Maximum - .060"
Surface Finish	Gloss
	Matte
	Matte Matte
Roll Width	Minimum - 5"
	Maximum - 60"
Roll Diameter	Minimum - 18"
	Maximum - 48"
Core Size	3" or 6"
Sheet Width	Minimum - 20"
	Maximum - 63"
Sheet Length	Minimum - 18"
	Maximum - 128"
Options	Corona Treatment - 0, 1 or 2 sides

### STYREX® HIPS

**High Impact Polystyrene (HIPS)** is commonly used in print-on-plastic applications. It is an economical choice for P.O.P. displays, signage and tags. At GOEX, we offer a broad range of STYREX® HIPS products that can be customized to your specifications for size, color, opacity, surface finish, and dyne level. Our STYREX® products can be printed, die cut, router cut, formed and fabricated to meet the needs of your application.

#### DISCLAIMER:

All listed technical data are typical values intended for your guidance. Final testing and fitness for use are determined by the end customer and intended use. GOEX encourages customers to conduct their own test to determine physical properties.

