

Product: Advantage Display Boards - HIPS

Category: Display & Visual - Rigid

Country of Origin: USA

Technical Specifications:

Property	ASTM Test Method	Units	HIPS
Physical			
Specific Gravity	D792	-	1.04
Mechanical			
Flexural Modulus	D790	psi	240,000
Flexural Strength @yield	D790	psi	4,210
Izod Impact Strength Notched @ 23degree	D256	ft-lb/in	2.8
Tensile Elongation @break	D638	%	50
Tensile Strength @yield	D638	psi	>3,000
Thermal			
Vicat Softening Temp.	D1525	Deg	98.9
Flammability Rating-UL94	-	-	
Heat Deflection Temperature @264psi	D648	Deg	85

Note: The information contained herein are typical values intended for reference and comparison purposed only. They should NOT be used as a basis for design specifications or quality control. All values at 23 degrees unless otherwise noted.

Conversion⁺

- | | |
|---|---|
| <input type="checkbox"/> Flat bed cutters | <input type="checkbox"/> Cold overlaminating |
| <input type="checkbox"/> Friction fed cutters | <input type="checkbox"/> Aqueous |
| <input type="checkbox"/> Die cutting | <input type="checkbox"/> Latex inkjet |
| <input type="checkbox"/> Thermal transfer | <input type="checkbox"/> Eco Solvnt inkjet |
| <input checked="" type="checkbox"/> Screen printing | <input type="checkbox"/> Solvent inkjet |
| <input type="checkbox"/> Offset printing | <input checked="" type="checkbox"/> UV curable Inkjet |

⁺Always test with your combination of printer and inks prior to commercial use.

Sheet Sizes

1040 x 1540mm, 0.5mm	130609
1220 x 2440mm, 0.5mm	130610
1220 x 2440mm, 1.0mm	131080

Common Applications

POS Displays	Exhibition stand
Display signs	Low strength structural components
Machined prototypes	Promotional items