



THERMOPLASTIC ACRYLIC SHEET DESIGNED FOR DIGITAL PRINTING

PROVIDING OPTIMAL ADHESION OF UV CURING INKS WITHOUT PROMOTERS

OPTIX DA eliminates the need for costly and often time-consuming applications of adhesion promoters prior to printing. Produce high quality, vibrantly-colored prints with the UV curable inks that are utilized in today's UV digital flatbed printers.

- » Produced with a specially formulated acrylic polymer that promotes optimal adhesion of UV curing inks without the need for an adhesion promoter prior to ink application
- » Developed and tested with a leading manufacturer of digital UV flatbed printers and various ink suppliers
- » Can be used in interior and exterior applications
- » Available in clear, 7328 white and non-glare
- » A variety of gauges available; 0.060" - 0.236"
- » Standard and run-to-size options

APPLICATIONS

- » Signage
- » Graphics
- » Dry-erase white boards



TYPICAL PROPERTIES

PROPERTY	TEST METHOD	UNITS	VALUE
PHYSICAL			
Specific Gravity/Relative Density	ASTM D792	-	1.19
Light Transmission - Total	ASTM D1003	%	>86
Water Absorption	ASTM D570	%	0.4
MECHANICAL			
Tensile Strength	ASTM D638	psi	11,030
Tensile Modulus of Elasticity	ASTM D638	psi	490,000
Flexural Strength	ASTM D790	psi	17,000
Izod Impact Strength - Notched	ASTM D256	ft-lb/in	0.4
THERMAL			
Maximum Recommended Continuous Service Temperature	-	°F	170-190
Deflection Temperature @264 psi, 1.8 MPa	ASTM D648	°F	203
Coefficient of Thermal Expansion	ASTM D696	in/in/°F	3.0x10 ⁻⁵



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Curbell Plastics is a proud supplier of Plaskolite materials.

These suggestions and data are based on information we believe to be reliable. They are offered in good faith, but without guarantee, as conditions and methods of use are beyond our control. We recommend that the prospective user determines the suitability of our materials and suggestions before adopting them on a commercial scale.

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