

OPTIX DA

OPTIX DA (Digital Acrylic) sheet is specifically designed to provide optimal adhesion of UV curing inks without adhesion promoters. OPTIX DA delivers all the benefits of continuously processed acrylic sheet in a specially formulated product for printing. It can be used in interior and exterior applications.

Just as with OPTIX sheet, OPTIX DA provides superior strength and is available in a variety of gauges 0.060" – 0.236" with standard and run-to-size options. Call Customer Service for details.

Applications

Signage, graphics and dry-erase boards

Typical Properties*

Property	Test Method	Units	Values
PHYSICAL			
Specific gravity/relative density	ASTM D 792	-	1.19
Light transmission – Total	ASTM D 1003	%	>86
Water absorption	ADTM D 570	%	0.4
MECHANICAL			
Tensile strength	ASTM D 638	psi	11,030
Tensile modulus of elasticity	ASTM D 638	psi	490,000
Flexural strength	ASTM D 790	psi	17,000
Izod impact strength – Notched	ASTM D 256	ft·lbs/in	0.4
THERMAL			
Maximum recommended continuous service temperature		°F	170-190
Deflection temperature @ 264 psi (1.8 MPa)	ASTM D 648	°F	203
Coefficient of thermal expansion	ASTM D 696	in/in/°F	3.0x10 ⁻⁵

*Typical properties are not intended for specification purposes.

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.