

OPTIX E-DA

OPTIX E-DA (Erasable Digital Acrylic) sheet is specifically designed to provide optimal adhesion of UV curing inks without adhesion promoters. OPTIX E-DA delivers all the benefits of continuously processed acrylic sheet in a specially formulated product for printing, but with the added benefit of an abrasion- and chemical- resistant coating on the other, perfect for contemporary markerboard designs and a variety of anti-graffiti applications. It can be used in interior and exterior applications.

Just as with OPTIX sheet, OPTIX E-DA provides superior strength and is available in a variety of gauges 0.118" – 0.220" 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.