

MAKE A STRONG IMPRESSION

WITH NEW LEXAN™ DLCW DIFFUSER SHEET



SABIC's LEXAN™ sheet offers one of the broadest polycarbonate product portfolios of rigid substrates used in the sign, display, exhibit, and store fixturing industries.

NEW LEXAN™ DLCW (Diffused Light Cool White) is a translucent polycarbonate sheet with unique light diffusing properties designed for indoor LED and conventional lighting fixtures. It features a unique combination of high light diffusion and high light transmission through a combination of optimized surface texture and advanced diffuser technology.

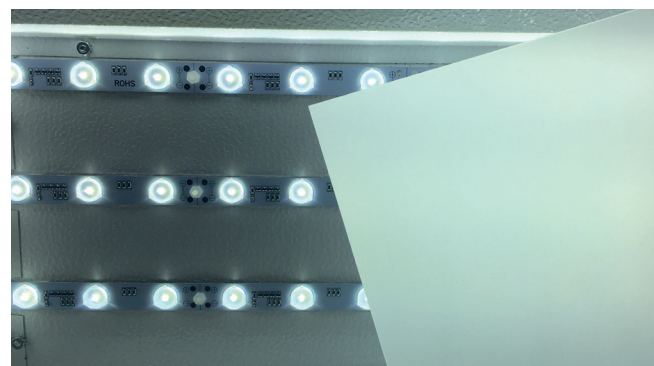
BENEFITS

- Virtually unbreakable - 30 times stronger than acrylic, minimizing replacement costs
- Excellent choice for applications in damage prone areas such as commuter stations, schools and institutions
- Tighter cold bending capability than acrylic
- Unique light diffusing properties through a combination of surface texture and advanced diffuser technology
- Excellent thermoformability
- High light transmission (% LT) coupled with high hiding power (DLD)
- Comprehensive warranty

This extruded polycarbonate sheet offers significant advantages over many other materials in terms of bright and uniform illumination, excellent impact resistance, design freedom and aesthetics. The sheet has a matte finish on one surface and a polish finish with masking film on the other surface.

APPLICATIONS REQUIRING DESIGN FREEDOM

- Designed for indoor LED and conventional lighting fixtures
- Indoor skylights
- Privacy partitions and windows
- Flat signs
- Formed production signs
- Menu boards
- Lighted display shelving



LEXAN™ Tough
Polycarbonate Sheet Virtually
Unbreakable

LEXAN is a trademark of SABIC

TECHNICAL SPECIFICATIONS

GAUGES	0.040" - 0.125"
GAUGE TOLERANCE	+/- 10% of nominal
SHEET TOLERANCE	Width: + 1/2", + 3/4" Length: + 1/2 ", + 1"
SQUARE	1/4" maximum
COLORS	Three Light Transmission Levels – 85%, 75%, 65%

Grade		.040"	.060"	.118"	.125"
DLCW-1G9A3862X : 85% LT	%LT/DLD*	85/23	85/26	85/27	85/28
DLCW-1G9A3863X : 75% LT	%LT/DLD*	75/35	75/33	75/33	75/30
DLCW-1G8A3864X : 65% LT	%LT/DLD*	65/70	65/60	65/60	65/60

* Degree of light diffusion (DLD): angle at which half of the luminance of the incident light is observed. Higher DLD, better hiding power. Typical values listed.

SURFACE FINISH	Matte/Polish - Diffusion Texture one side, Smooth Surface on other side
INTERNAL DEFECTS	None greater than 0.065" diameter—no clusters or chains
MASKING	None on diffused side, Clear poly-stick on smooth side

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