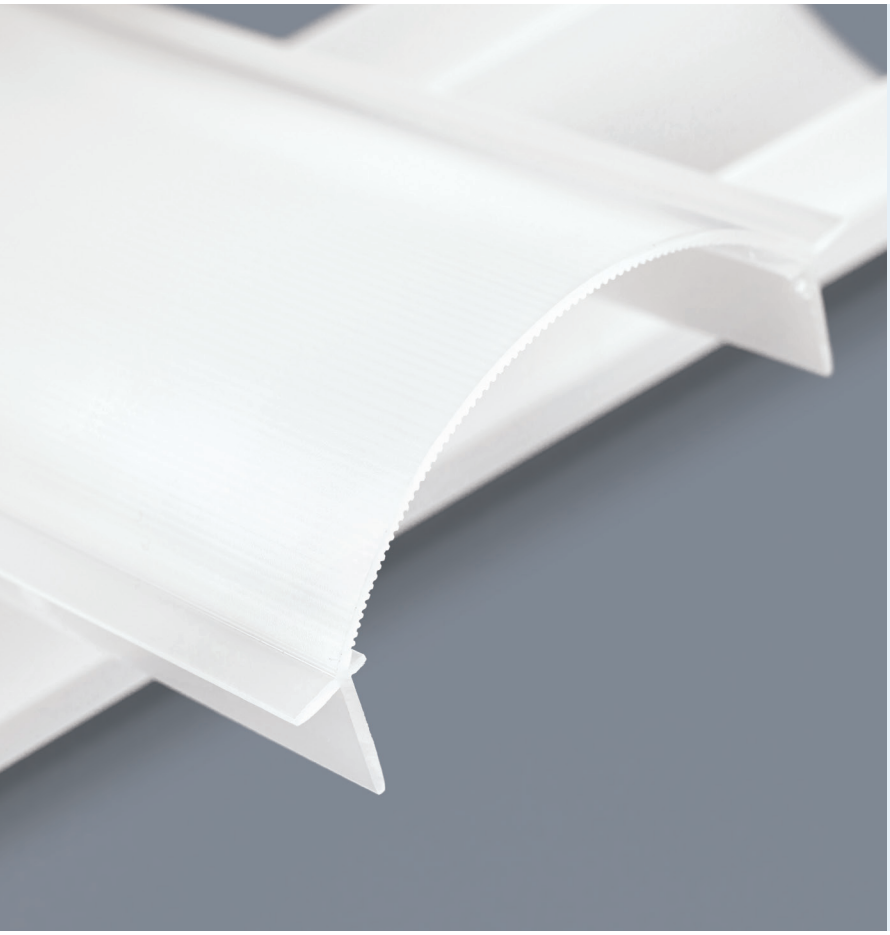
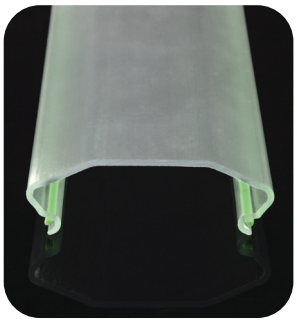
PEXCO | DURAYL® LED

# LIGHTING SOLUTIONS



**Durayl LED** is Pexco's proprietary impact modified acrylic blend, formulated to minimize hot spots and maximize light transmission for LED light fixtures.

Created to deliver a high performing, economical solution for the LED market, Durayl LED can be modified to provide customized, practical solutions for unique applications.



**Pexco provides lighting design and manufacturing expertise to help OEMs identify the best material blend, light diffusion, hiding power, efficiency, and overall manufacturability of custom profiles.** We also help address design and engineering requirements of unique lighting fixtures.

With multiple tool and die shops across the nation, and a lighting Center of Excellence for plastic profile manufacturing, Pexco possesses an extensive array of services and expertise to help you transform your idea into reality.

## Since its introduction in 2015, Durayl LED has been proven to deliver:

- Superior strength and impact resistance
- Remarkable longevity
- Outstanding hiding performance
- Excellent light transmission
- Premium intensity

# DURAYL LED

| Property | ASTM Test Method | Durayl® LED | |
|---|---|---|---|
| **Physical** | | | |
| Specific Gravity | D-792 | 1.186 | |
| **Optical** | | | |
| Light Transmission | Lutron LX-1108 Meter D-1003 (%) | **Thickness** | **Value** |
| | | 0.060" | 83 |
| | | 0.080" | 79 |
| | | 0.100" | 74 |
| | | 0.125" | 71 |
| Haze | D-1003 (%) | **Thickness** | **Value** |
| | | 0.060" | 97.17 |
| | | 0.080" | 97.74 |
| | | 0.100" | 97.78 |
| | | 0.125" | 98.18 |
| **Mechanical** | | | |
| Rockwell Hardness | D-785 (M Scale) | 84 | |
| Tensile | D-638 (Max. PSI) | 9,500 | |
| Tensile Modulus | D-638 (PSI) | 420,000 | |
| Flexural Strength | D-780 (PSI) | 14,400 | |
| Notched Izod (Milled Notch) | D-256 ft.lb/in of notch 73°F | 0.35 | |
| **Thermal** | | | |
| Deflection Temp Under Load Annealed 4 hrs/180°F | D-648 (°F) 3.6°F/min. 264 PS | 198 | |
| Flammability Class | D-1003 Class | HB | |

The specifications listed on this table are average values compiled from data supplied by manufacturers of plastic resins. They are offered as general guidelines only. Pexco is not responsible for their accuracy, makes no guarantee or warranty for any of the above data, and assumes no liability or obligation for results obtained by users of this information. Users of a material should make their own tests to determine its suitability for their particular application. Statements concerning possible or suggested usage of materials are not constructed as constituting recommendation for use of such materials in the infringement of any patent.

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