

# POLYCARBONATE TYPICAL PROPERTIES

|                                                  | Units                      | ASTM Test | POLYCARBONATE |
|--------------------------------------------------|----------------------------|-----------|---------------|
| Tensile strength                                 | psi                        | D-638     | 16,000        |
| Flexural modulus                                 | psi                        | D-790     | 800,000       |
| Lzod impact (notched)                            | ft-lbs/in of notch         | D-256     | 2.0           |
| Head deflection temperature<br>@264 psi          | °F                         | D-648     | 295           |
| Maximum continuous service<br>Temperature in air | °F                         |           | 248           |
| Water absorption<br>(immersion 24 hours)         | %                          | D-570     | 0.16          |
| Coefficient of linear<br>Thermal expansion       | in/in/°F x 10 <sup>5</sup> | D-696     | 1.5           |
| Light Transmittance                              | %                          | D-1003    |               |