

.236" PLEXIGLAS® MC DP-32 Sheet

**TYPICAL PHYSICAL PROPERTIES:
.236" PLEXIGLAS® MC DP-32 SHEET**

| PROPERTY | ASTM METHOD2 | UNITS | PLEXIGLAS® MC |
|---|--------------|-------------------|---------------|
| MISCELLANEOUS | | | |
| Thickness, measured | | in | 0.221" |
| Specific gravity | D792 | N/A | 1.19 |
| Rockwell Hardness (M-scale) | D785 | - | 90 |
| OPTICAL | | | |
| Refractive index | D542 | N/A | 1.49 |
| Light transmittance and haze "as received" | D1003 | % | 92 |
| Haze | | % | NA* |
| MECHANICAL | | | |
| <i>Tensile Properties</i> | | | |
| Maximum Rupture | D638 | psi | 10,200 |
| Modulus of elasticity | | psi | 10,200 |
| | | psi | 450,000 |
| <i>Flexural Properties</i> (span depth ratio 16, 0.1 in/min) | | | |
| Maximum Modulus of elasticity | D790 | psi | 15,000 |
| | | psi | 450,000 |
| <i>Impact Properties</i> | | | |
| Izod milled notch @ 73°F | D256 | ft-lb/in of notch | 0.33 |
| THERMAL | | | |
| Deflection temperature under (flexural) load 3.6° F/min-264 psi | D648 | °F | 200 |

* Haze values were not recorded.

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