# Material Properties

**Material:** Polycarbonate Resin, (Flame Retardant & UV Stabilized)

**Color(s):** Clear

| Property | Unit of Measure | Test Method | Nominal Value |
|---|---|---|---|
| **Specific Gravity** | - | ASTM D792 | 1.2 |
| **UL Relative Temperature Index- Elec.**<br>**UL Relative Temperature Index- Impact**<br>**UL Relative Temperature Index- Stength** | degrees F | UL 746B | 257<br>239<br>257 |
| **Notched Izod Impact (73F, 0.125in.)** | ft-lb/in | ASTM D256 | 14 |
| **Ball Impact Test, Normal & Cold, Tested on ML-Series Sample** | Pass / Fail | UL 746C, Clause 22, 56 | Pass |
| **DTUL @ 264 psi** | degrees F | ASTM D648 | 260 |
| **Flammability** | - | UL 94 | UL -94 V-1 @ 0.059"<br>UL -94 V-0 @ 0.118" |
| **UV Rating / Outdoor Suitability** | - | UL 746C | f1 |
| **Tensile Strength @ Yield** | psi | ASTM D638 | 8,500 |
| **Flexural Strength @ Yield** | psi | ASTM D790 | 13,000 |

* The property information presented on this data sheet is based upon typical values and are intended as general guides. Polycase assumes no obligation or liability for results obtained with respect to this information.