

CELTEC® DIGILITE® EXPANDED PVC

| TYPICAL PHYSICAL PROPERTIES* | UNITS | ASTM | CELTEC |
|---------------------------------|-----------|-------------|-------------------------|
| Physical | | | |
| Density | g/cm | ASTM D 1505 | 0.47 |
| Water Absorption | % | ASTM D 570 | 0.3% |
| Hunter Whiteness Index | - | ASTM E313 | 94 |
| Surface Energy | Dynes/cm2 | ASTM D 2578 | 34 |
| Hardness | Shore D | ASTM D 2240 | 35 |
| Mechanical | | | |
| Tensile Strength | psi | D 638 | 1,500 |
| Flexural Strength | psi | D 790 | 3,755 |
| Tensile Modulus | Psi | ASTM D 638 | 111,000 |
| Flexural Modulus | psi | ASTM D 790 | 124,000 |
| Yield Strength | psi | D 1761 | 2,600 |
| Izod Impact | ft-lb/in | ASTM D 256 | 3mm - 0.61, 6mm - 0.31 |
| Thermal | | | |
| Heat Deflection Temp (264 psi) | °C | ASTM D 648 | 65 |
| Coefficient of Linear Expansion | in/in/°F | ASTM D 696 | 0.000032 |
| Vicat Softening Point | °C | ASTM D 1525 | 73 |
| Flammability Ratings | | | |
| Flame Spread Index | - | E 84 | Current Product Covered |
| Flammability | - | UL 94V | Passed |
| Compliances | | | |
| FDA Food Grade | N/A | | |
| RoHS | | | Yes |
| REACH | | | Yes |

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The 'Typical' properties of our plastic sheet cannot be automatically used when engineering finished components, and the fabricator or end user is responsible for insuring the suitability of our products for their specific application or end use!

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