

CELTEC® ULTRA WHITE

| TYPICAL PHYSICAL PROPERTIES | Units of Measure | Value | ASTM Method |
|---------------------------------|-------------------|----------------------|-------------|
| Physical | | | |
| Density | g/cm ³ | 1.42 | D 792 |
| Water Absorption | % | 0.06 | D 570 |
| Rockwell Hardness | R Scale | 115 | D 785 |
| Shore Durometer | D | 89 | D 2240 |
| Mechanical | | | |
| Tensile Modulus | psi | 411,000 | D 638 |
| Yield Strength | psi | 7,500 | D 638 |
| Flexural Modulus | psi | 481,000 | D 790 |
| Yield Strength | psi | 12,800 | D 790 |
| Izod Impact Strength | ft-lb/in | 1.0 | D 256 |
| Thermal | | | |
| Vicat Softening Point | °C/°F | 83/181 | D1525 |
| Heat Deflection Temp (66 psi) | °C/°F | 82/179 | D 648 |
| Heat Deflection Temp (264 psi) | °C/°F | 80/176 | D 648 |
| Coefficient of Linear Expansion | in/in/°C | 5.8×10^{-5} | D 696 |
| Coefficient of Linear Expansion | in/in/°F | 3.2×10^{-5} | D 696 |
| Flammability Ratings | | | |
| Flame Spread Index | — | 15 | E 84 |
| Flammability | — | 0 | UL 94V |
| Flammability | — | Self Extinguishing | D 635 |
| Chemical | | | |
| Chemical Resistance | - | Class B | D1784 |
| Electrical | | | |
| Electrical Volume Resistivity | Ohm/cm | 5.4×10^{15} | D 257 |
| Dielectric Constant | 60 Hz | 3.19 | D 150 |
| Dissipation Factor | 60 Hz | 0.0096 | D 150 |
| Loss Index | 60 Hz | 0.030 | D 150 |
| Dielectric Strength | Volts / mil | 544 | D 149 |

**VYCOM**
OLEFIN AND PVC SOLUTIONS

801 Corey Street, Scranton, PA 18505

Phone: 1.800.235.8320

Fax: 1.800.858.9266

Website: www.vycomplastics.com

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