

| TYPICAL PROPERTIES OF CORZAN®/CPVC | | | |
|---|---------------------------------------|-------------------------------|-------------------------|
| ASTM or UL test | Property | Units | Value |
| PHYSICAL | | | |
| D792 | Specific Gravity | g/cm ³ | 1.47 |
| D570 | Water Absorption | % | 0.03 |
| D785 | Rockwell Hardness | R Scale | 116 |
| D1784 | Cell Class | - | 24446-B |
| MECHANICAL | | | |
| D256 | Izod Impact (Notched) | ft-lb/in o.n. | 9 |
| D638 | Tensile Strength | psi | 7300 |
| D790 | Flexural Strength | psi | 14,300 |
| D790 | Flexural Modulus | psi | 361,000 |
| D695 | Compressive Strength | psi | 10,100 |
| D695 | Compressive Modulus | psi | 196,000 |
| THERMAL | | | |
| D696 | Coefficient of Thermal Expansion | in/in/°F | 3.86 × 10 ⁻⁵ |
| C177 | Thermal Conductivity | BTU/in/hr/ft ³ /°F | 0.95 |
| D648 | Heat Distortion Temperature @ 264 psi | °C /°F | 92/198 |
| FLAMMABILITY RATINGS | | | |
| UL94 | Flammability | V-0, 5VB, 5VA | 0.062" |
| E84 | Flame Spread | - | 15 |
| D2863 | Limiting Oxygen Index | % | 60 |
| ELECTRICAL | | | |
| D147 | Dielectric Strength | Volt/MIL | 1250 |
| D150 | Dielectric Constant | 60 HZ | 3.70 |
| D150 | Power Factor | 1000 HZ | 0.007% |
| D257 | Volume Resistivity | Ohm/cm | 3.4 × 10 ¹⁵ |