

CORRTEC Hitec HDPE Sheet

Typical Properties

| Physical | TEST METHOD | UNITS | VYCOM CORRTEC HITEC HDPE |
|----------------------------|-------------|-------------------|--------------------------|
| Water Absorption, 24 hours | ASTM D570 | % | 0.01 |
| Density | ASTM D792 | g/cm ³ | 0.960 |
| Shore Durometer | ASTM D2240 | D | 69 |

| Mechanical | TEST METHOD | UNITS | VYCOM CORRTEC HITEC HDPE |
|---------------------|-------------|-------|--------------------------|
| Elongation at Yield | ATSM D638 | % | >400 |
| Tensile Strength | ATSM D638 | psi | 4,600 |
| Flexural Modulus | ASTM D790 | psi | 225,000 |
| Izod Impact | | | 10 |

| Thermal | TEST METHOD | UNITS | VYCOM CORRTEC HITEC HDPE |
|--------------------------------------|-------------|----------|--------------------------|
| Heat Deflection Temperature @ 66 psi | ASTM D648 | °F | 179 |
| Vicat Softening Point | ASTM D1525 | °F | 264 |
| Flammability Rating | | | HB |
| Coefficient of Linear Expansion | ASTM D696 | in/in/°C | 6 x 10 ⁻⁵ |

These suggestions and data are based on information we believe to be reliable. They are offered in good faith, but without guarantee, as conditions and methods of use are beyond our control. We recommend that the prospective user determine the suitability of our materials and suggestions before adopting them on a commercial scale.

Questions? Please contact Plaskolite Customer Support 800-848-9124