

Technical Information:

| | Properties | HC-1000 | HC-200T | Unit | Test Method |
|-------------------|------------------------|------------------------|------------------------|---------------------|--------------------|
| Physical | Color | Gray | Gray | Visual | -- |
| | Reinforcement Layer | Fiberglass | -- | -- | -- |
| | Finish | Smooth | Smooth | Visual | -- |
| | Thickness (Tol. ±0.02) | 0.23~0.8 | 0.23~0.3 | mm | ASTM D374 |
| | Operating Temperature | -40~+220 | -40~+180 | °C | -- |
| Mechanical | Specific Gravity | 1.60 | 1.60 | g/cm ³ | ASTM D792 |
| | Tensile Strength | 150 | 22 | kgf/cm ² | ASTM D412 |
| | Tear Strength | 6.70 | 7.40 | kgf/cm | ASTM D642 |
| | Elongation | 7~12 | 150 | % | ASTM D412 |
| | Hardness | 70 ± 5 | 70 ± 5 | Shore A | ASTM D2240 |
| Electrical | Voltage Breakdown | 3500 | 3000 | V/mm | ASTM D149 |
| | Volume Resistivity | 2.0 x 10 ¹³ | 2.0 x 10 ¹³ | Ω • cm | ASTM D257 |
| Thermal | Thermal Conductivity | 0.3~0.5 | 0.3~0.5 | W/m.k | ASTM D5470 |
| Regulatory | Flammability Rating | V-0 | V-0 | -- | UL94 |
| | RoHS Compliant | Yes | Yes | -- | Lab. Certification |
| | PFOA Compliant | Yes | Yes | -- | Lab. Certification |
| | PFOS Compliant | Yes | Yes | -- | Lab. Certification |
| | SVHC Compliant | Yes | Yes | -- | Lab. Certification |

* The above testing results comes from laboratory report, information are for your reference only.