

**Nemcon™ H PA66 DP187**

PA66

Ovation Polymers

| <b>Processing/Physical Characteristics</b> | <b>Value</b> | <b>Unit</b> | <b>Test Standard</b> |
|--|--------------|-------------|----------------------|
| <b>ASTM Data</b>                           |              |             |                      |
| Mold Shrinkage, MD                         | <b>0.004</b> | mm/mm       | ASTM D 955           |
| Mold Shrinkage, TD                         | <b>0.002</b> | mm/mm       | ASTM D 955           |

| <b>Mechanical properties</b> | <b>Value</b> | <b>Unit</b> | <b>Test Standard</b> |
|------------------------------|--------------|-------------|----------------------|
| <b>ASTM Data</b>             |              |             |                      |
| Tensile Modulus              | <b>9175</b>  | MPa         | ASTM D 638           |
| Tensile Strength at Break    | <b>57</b>    | MPa         | ASTM D 638           |
| Elongation at Break          | <b>2</b>     | %           | ASTM D 638           |
| Flexural Modulus             | <b>7400</b>  | MPa         | ASTM D 790           |
| Izod Impact notched, 1/8 in  | <b>37.4</b>  | J/m         | ASTM D 256           |

| <b>Electrical properties</b> | <b>Value</b> | <b>Unit</b> | <b>Test Standard</b> |
|------------------------------|--------------|-------------|----------------------|
| <b>ASTM Data</b>             |              |             |                      |
| Surface Resistivity          | <b>5E12</b>  | Ohm         | ASTM D 257           |

| <b>Other properties</b> | <b>Value</b> | <b>Unit</b>       | <b>Test Standard</b> |
|-------------------------|--------------|-------------------|----------------------|
| Density                 | <b>1410</b>  | kg/m <sup>3</sup> | ASTM D 792           |

**Characteristics****Regional Availability**

North America