

**P9G4M-065**

PP

Invista

| <b>Processing/Physical Characteristics</b>         | <b>Value</b>     | <b>Unit</b>       | <b>Test Standard</b>     |
|--|------------------|-------------------|--------------------------|
| <b>ASTM Data</b>                                   |                  |                   |                          |
| Melt Flow Index, MFI                               | 9                | g/10min           | ASTM D 1238              |
| <b>Mechanical properties</b>                       |                  |                   |                          |
| <b>ASTM Data</b>                                   |                  |                   |                          |
| Tensile Strength at Yield                          | 26.5             | MPa               | ASTM D 638               |
| Elongation at Yield                                | 12.1             | %                 | ASTM D 638               |
| Flexural Modulus                                   | 990              | MPa               | ASTM D 790               |
| Rockwell Hardness                                  | R 70             | -                 | ASTM D 785               |
| Gardner Impact                                     | 36               | J                 | ASTM D<br>2794,4226,5420 |
| Izod Impact notched, 1/8 in                        | 231              | J/m               | ASTM D 256               |
| Izod Impact notched, Low-Temperature               | 39               | J/m               | ASTM D 256               |
| Temperature  | 0                | °C                | -                        |
| <b>Thermal properties</b>                          |                  |                   |                          |
| <b>ASTM Data</b>                                   |                  |                   |                          |
| DTUL @ 66 psi                                      | 78               | °C                | ASTM D 648               |
| Melting Temperature                                | 162              | °C                | ASTM D 3418              |
| <b>Optical properties</b>                          |                  |                   |                          |
| <b>ASTM Data</b>                                   |                  |                   |                          |
| Haze   | 7 <sup>(1)</sup> | %                 | ASTM D 1003              |
| 1: 25 mil  |                  |                   |                          |
| <b>Other properties</b>                            |                  |                   |                          |
| Density  | 900              | kg/m <sup>3</sup> | ASTM D 792               |
| <b>Processing Recommendation Injection Molding</b> |                  |                   |                          |
| Melt temperature                                   | 226 - 246        | °C                | -                        |
| Mold temperature                                   | 15 - 49          | °C                | -                        |

**Characteristics****Processing**

Injection Molding

**Additives**

Release agent

**Special Characteristics**

Transparent

**Features**

Copolymer, Random Copolymer

**Certifications**

Food contact, Food approval FDA 21 CFR, RoHS compliant

**Regional Availability**

North America