

**P4G4B-125A**

PP

Invista

| Processing/Physical Characteristics | Value | Unit    | Test Standard |
|-------------------------------------|-------|---------|---------------|
| <b>ASTM Data</b>                    |       |         |               |
| Melt Flow Index, MFI                | 12    | g/10min | ASTM D 1238   |

| Mechanical properties       | Value | Unit | Test Standard         |
|-----------------------------|-------|------|-----------------------|
| <b>ASTM Data</b>            |       |      |                       |
| Tensile Strength at Yield   | 39    | MPa  | ASTM D 638            |
| Elongation at Yield         | 8     | %    | ASTM D 638            |
| Rockwell Hardness           | R 102 | -    | ASTM D 785            |
| Gardner Impact              | 6     | J    | ASTM D 2794,4226,5420 |
| Izod Impact notched, 1/8 in | 30    | J/m  | ASTM D 256            |

| Thermal properties  | Value | Unit | Test Standard |
|---------------------|-------|------|---------------|
| <b>ASTM Data</b>    |       |      |               |
| UL 94 Flame rating  | HB    | -    | UL 94         |
| DTUL @ 66 psi       | 110   | °C   | ASTM D 648    |
| Melting Temperature | 162   | °C   | ASTM D 3418   |

| Other properties | Value | Unit              | Test Standard |
|------------------|-------|-------------------|---------------|
| Density          | 900   | kg/m <sup>3</sup> | ASTM D 792    |

| Processing Recommendation Injection Molding | Value     | Unit | Test Standard |
|---|-----------|------|---------------|
| Melt temperature                            | 226 - 246 | °C   | -             |
| Mold temperature                            | 15 - 49   | °C   | -             |

**Characteristics****Processing**

Injection Molding

**Special Characteristics**

Anti-static

**Features**

Nucleated, Homopolymer

**Certifications**

Food contact, Food approval FDA 21 CFR, Medical Grade, US Pharmacopeia Class VI Approved, Drug Master File, RoHS compliant

**Applications**

Medical

**Regional Availability**

North America