

| Processing/Physical Characteristics                | Value       | Unit              | Test Standard |
|--|-------------|-------------------|---------------|
| <b>ASTM Data</b>                                   |             |                   |               |
| Melt Flow Index, MFI                               | 15          | g/10min           | ASTM D 1238   |
| Temperature  | 250         | °C                | -             |
| Load   | 2.16        | kg                | -             |
| Mold Shrinkage, MD                                 | 0.0075      | mm/mm             | ASTM D 955    |
| <b>Mechanical properties</b>                       |             |                   |               |
| <b>ASTM Data</b>                                   |             |                   |               |
| Tensile Strength at Yield                          | 82.7        | MPa               | ASTM D 638    |
| Tensile Strength at Break                          | 82.7        | MPa               | ASTM D 638    |
| Flexural Modulus                                   | 3447        | MPa               | ASTM D 790    |
| Flexural Strength                                  | 121         | MPa               | ASTM D 790    |
| Izod Impact notched, 1/8 in                        | 26.7        | J/m               | ASTM D 256    |
| <b>Thermal properties</b>                          |             |                   |               |
| <b>ASTM Data</b>                                   |             |                   |               |
| DTUL @ 66 psi                                      | 199         | °C                | ASTM D 648    |
| DTUL @ 264 psi                                     | 149         | °C                | ASTM D 648    |
| <b>Other properties</b>                            |             |                   |               |
| Density  | 1450        | kg/m <sup>3</sup> | ASTM D 792    |
| <b>Processing Recommendation Injection Molding</b> |             |                   |               |
| Pre-drying - Temperature                           | 116 - 121   | °C                | -             |
| Pre-drying - Time                                  | 3 - 4       | h                 | -             |
| Melt temperature                                   | 249 - 266   | °C                | -             |
| Mold temperature                                   | 65.6 - 87.8 | °C                | -             |
| Zone 1   | 238 - 254   | °C                | -             |
| Zone 2   | 243 - 260   | °C                | -             |
| Zone 3   | 249 - 266   | °C                | -             |

## Characteristics

### Processing

Injection Molding

### Delivery form

Pellets

### Additives

Flame retarding agent

### Special Characteristics

Flame retardant, Heat stabilized or stable to heat

### Regional Availability

North America