

| Processing/Physical Characteristics  | Value | Unit    | Test Standard |
|--------------------------------------|-------|---------|---------------|
| <b>ASTM Data</b>                     |       |         |               |
| Melt Flow Index, MFI                 | 57.5  | g/10min | ASTM D 1238   |
| Temperature                          | 250   | °C      | -             |
| Load                                 | 5     | kg      | -             |
| <b>Other Standards<sup>[S]</sup></b> |       |         |               |
| Mold Shrinkage, MD                   | 0.014 | mm/mm   |               |

S: These properties are reported by the producer according standards that are different to our defaults.

| Mechanical properties       | Value | Unit | Test Standard |
|-----------------------------|-------|------|---------------|
| <b>ASTM Data</b>            |       |      |               |
| Tensile Strength at Break   | 69    | MPa  | ASTM D 638    |
| Elongation at Break         | 10    | %    | ASTM D 638    |
| Flexural Modulus            | 2940  | MPa  | ASTM D 790    |
| Flexural Strength           | 120   | MPa  | ASTM D 790    |
| Shore D Hardness            | 78    | -    | ASTM D 2240   |
| Izod Impact notched, 1/8 in | 49    | J/m  | ASTM D 256    |

| Thermal properties  | Value | Unit | Test Standard |
|---------------------|-------|------|---------------|
| <b>ASTM Data</b>    |       |      |               |
| Melting Temperature | 220   | °C   | ASTM D 3418   |

| Other properties | Value | Unit              | Test Standard |
|------------------|-------|-------------------|---------------|
| Density          | 1140  | kg/m <sup>3</sup> | ASTM D 792    |
| Moisture Content | 0.3   | %                 | -             |

| Processing Recommendation Injection Molding | Value     | Unit | Test Standard |
|---|-----------|------|---------------|
| Pre-drying - Temperature                    | 80 - 100  | °C   | -             |
| Pre-drying - Time                           | 4         | h    | -             |
| Melt temperature                            | 235 - 260 | °C   | -             |
| Injection pressure                          | 2         | MPa  | -             |

## Characteristics

### Processing

Injection Molding

### Delivery form

Pellets, Black

### Certifications

Recycled Resin Content, Post-Consumer Recyclate, RoHS compliant, REACH

### Regional Availability

North America, Europe, Asia Pacific