

| Processing/Physical Characteristics | Value | Unit  | Test Standard |
|-------------------------------------|-------|-------|---------------|
| <b>ASTM Data</b>                    |       |       |               |
| Mold Shrinkage, MD                  | 0.017 | mm/mm | ASTM D 955    |

| Mechanical properties            | Value | Unit | Test Standard |
|----------------------------------|-------|------|---------------|
| <b>ASTM Data</b>                 |       |      |               |
| Modulus at 100% Elongation       | 0.965 | MPa  | ASTM D 412    |
| Modulus at 300% Elongation       | 0.9   | MPa  | ASTM D 412    |
| Shore A Hardness                 | 37    | -    | ASTM D 2240   |
| Tear Strength                    | 21    | kN/m | ASTM D 624    |
| Compression Set , 22 hr @ 73 °F  | 11    | %    | ASTM D 395    |
| Compression Set , 22 hr @ 158 °F | 22    | %    | ASTM D 395    |
| Tensile Strength at Break        | 3.79  | MPa  | ASTM D 412    |
| Elongation at Break              | 480   | %    | ASTM D 412    |

| Other properties | Value | Unit              | Test Standard |
|------------------|-------|-------------------|---------------|
| Density          | 1100  | kg/m <sup>3</sup> | ASTM D 792    |

| Processing Recommendation Injection Molding | Value        | Unit | Test Standard |
|---------------------------------------------|--------------|------|---------------|
| Mold temperature                            | 15.6 - 37.8  | °C   | -             |
| Zone 1                                      | 171 - 193    | °C   | -             |
| Zone 2                                      | 193 - 243    | °C   | -             |
| Zone 3                                      | 204 - 254    | °C   | -             |
| Nozzle temperature                          | 216 - 254    | °C   | -             |
| Screw speed                                 | 25 - 100     | rpm  | -             |
| Injection speed                             | 25.4 - 76.2  | mm/s | -             |
| Back pressure                               | 0 - 0.827    | MPa  | -             |
| Holding pressure                            | 0.517 - 2.07 | MPa  | -             |

**Characteristics**

**Processing**

Injection Molding, Other Extrusion

**Delivery form**

Pellets, Black

**Special Characteristics**

Heat stabilized or stable to heat

**Features**

Good Adhesion

**Applications**

Automotive

**Regional Availability**

North America, Europe, Asia Pacific, South and Central America, Near East/Africa