

| Processing/Physical Characteristics | Value | Unit  | Test Standard |
|-------------------------------------|-------|-------|---------------|
| <b>ASTM Data</b>                    |       |       |               |
| Mold Shrinkage, MD                  | 0.02  | mm/mm | ASTM D 955    |

| Mechanical properties           | Value | Unit | Test Standard |
|---------------------------------|-------|------|---------------|
| <b>ASTM Data</b>                |       |      |               |
| Modulus at 100% Elongation      | 0.517 | MPa  | ASTM D 412    |
| Modulus at 300% Elongation      | 0.317 | MPa  | ASTM D 412    |
| Shore A Hardness                | 32    | -    | ASTM D 2240   |
| Tear Strength                   | 14    | kN/m | ASTM D 624    |
| Compression Set , 22 hr @ 73 °F | 12    | %    | ASTM D 395    |
| Tensile Strength at Break       | 6.16  | MPa  | ASTM D 412    |
| Elongation at Break             | 900   | %    | ASTM D 412    |

| 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                            | 193 - 221    | °C   | -             |
| Mold temperature                            | 15.6 - 26.7  | °C   | -             |
| Zone 1                                      | 166 - 182    | °C   | -             |
| Zone 2                                      | 182 - 204    | °C   | -             |
| Zone 3                                      | 188 - 210    | °C   | -             |
| Nozzle temperature                          | 188 - 210    | °C   | -             |
| Screw speed                                 | 80 - 120     | rpm  | -             |
| Injection speed                             | 25.4 - 127   | mm/s | -             |
| Injection pressure                          | 0.689 - 5.52 | MPa  | -             |
| Back pressure                               | 0 - 0.552    | MPa  | -             |

## Characteristics

### Processing

Injection Molding, Other Extrusion

### Delivery form

Pellets, Natural Color

### Features

Soft Feel

### Applications

Automotive, IT / Business Machine, Electrical and Electronical, Sports Equipment

### Regional Availability

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