

| <b>Processing/Physical Characteristics</b> | <b>Value</b>  | <b>Unit</b>       | <b>Test Standard</b> |
|--|---------------|-------------------|----------------------|
| <b>ASTM Data</b>                           |               |                   |                      |
| Mold Shrinkage, MD                         | <b>0.0035</b> | mm/mm             | ASTM D 955           |
| <b>Mechanical properties</b>               |               |                   |                      |
| <b>ASTM Data</b>                           |               |                   |                      |
| Tensile Modulus                            | <b>2620</b>   | MPa               | ASTM D 638           |
| Tensile Strength at Yield                  | <b>47.6</b>   | MPa               | ASTM D 638           |
| Elongation at Break                        | <b>35</b>     | %                 | ASTM D 638           |
| Flexural Modulus                           | <b>2480</b>   | MPa               | ASTM D 790           |
| Flexural Strength                          | <b>75.8</b>   | MPa               | ASTM D 790           |
| Shore D Hardness                           | <b>83</b>     | -                 | ASTM D 2240          |
| Izod Impact notched, 1/8 in                | <b>800</b>    | J/m               | ASTM D 256           |
| Izod Impact notched, Low-Temperature       | <b>110</b>    | J/m               | ASTM D 256           |
| Temperature                                | <b>0</b>      | °C                | -                    |
| <b>Thermal properties</b>                  |               |                   |                      |
| <b>ASTM Data</b>                           |               |                   |                      |
| UL 94 Flame rating                         | <b>V-0</b>    | -                 | UL 94                |
| Thickness tested                           | <b>1.2</b>    | mm                | -                    |
| DTUL @ 66 psi                              | <b>67.2</b>   | °C                | ASTM D 648           |
| DTUL @ 264 psi                             | <b>67.2</b>   | °C                | ASTM D 648           |
| <b>Optical properties</b>                  |               |                   |                      |
| <b>ASTM Data</b>                           |               |                   |                      |
| Haze                                       | <b>7</b>      | %                 | ASTM D 1003          |
| Light Transmittance                        | <b>76</b>     | %                 | ASTM D 1003          |
| <b>Other properties</b>                    |               |                   |                      |
| Density                                    | <b>1310</b>   | kg/m <sup>3</sup> | ASTM D 792           |

**Characteristics**

**Delivery form**

Pellets

**Special Characteristics**

High impact or impact modified, Transparent

**Certifications**

Food contact, Food approval FDA 21 CFR

**Regional Availability**

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