

Product Information

Product Characteristics

- General Injection Molding
- Good stiffness, impact resistance
- Good UV resistance
- FDA 21 CFR 177.1520 Compliant

| Properties | Test Method | Unit | Typical Values | |
|--|-------------------------|--------------------|----------------|----|
| Physical Properties¹ | | | | |
| Melt Flow Rate (190°C @ 2.16 Kg) | ASTM D 1238 | g/10 min | 5.5 | |
| Density | ASTM D 1505 | g/cm ³ | 0.961 | |
| Hardness | ASTM D 785 | D Scale | 66 | |
| Mechanical Properties¹ | | | | |
| Tensile Strength at Yield | ASTM D 638 | kg/cm ² | 300 | |
| Tensile Strength at Break | ASTM D 638 | kg/cm ² | 240 | |
| Elongation at Break | ASTM D 638 | % | > 1000 | |
| Flexural Modulus | ASTM D 790 | kg/cm ² | 13,000 | |
| Notched Izod Impact | ASTM D 256 | kg.cm/cm | 3.5 | |
| Thermal Properties¹ | | | | |
| Brittleness Temperature | ASTM D 746 | °C | <-60 | |
| Vicat Softening Point | ASTM D 1525 | °C | 127 | |
| Heat Distortion Temperature | | | | |
| | 4.6 kg/cm ² | ASTM D 648 | °C | 75 |
| | 18.5 kg/cm ² | ASTM D 648 | °C | - |
| Flammability | UL 94 | - | - | |

¹ Typical Properties; not to be construed as specifications. The data is intended as a general guideline only and does not necessarily represent the results that may be obtained otherwise.