

Product Information

Product Characteristics

- Heat Resistant
- High Rigidity
- Extrusion

| Properties | Test Method | Unit | Typical Values |
|--|-------------|------------------------|----------------|
| Physical Properties¹ | | | |
| Melt Flow Rate (230 °C @ 3.8Kg) | ASTM D 1238 | g/10 min (Condition G) | 1.8 |
| Specific Gravity | ASTM D 792 | - | 1.19 |
| Mold Shrinkage | ASTM D 955 | in./in. | .002-.006 |
| Rockwell Hardness | ASTM D 785 | M-Scale | M-95 |
| Refractive Index | ASTM D 542 | - | 1.49 |
| Light Transmission | ASTM D 1003 | % | 92 |
| Haze at 1/8" | ASTM D 1003 | % | <1.0 |
| Mechanical Properties¹ | | | |
| Tensile Strength at Yield, Type I, 1/8" | ASTM D 638 | psi | 10,200 |
| Tensile Elongation @ Break | ASTM D 638 | % | 5.0 |
| Flexural Strength, Type I, 1/4" | ASTM D 790 | psi | 15,600 |
| Notched Izod 1/4" @ 73 °F | ASTM D 256 | ft-lbs/in | 0.4 |
| Thermal Properties¹ | | | |
| Vicat Softening Temperature | ASTM D 1525 | °F | 235 |
| Heat Distortion Temperature | | | |
| (Unannealed) | ASTM D 648 | °F | 216 |
| Flammability | UL 94 | - | HB |

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.