

Product Information

Product Characteristics

- Non-Halogen Type
- injection Molding
- Good Balance of Properties

| Properties | Test Method | Unit | Typical Values |
|--|-----------------|-------------------|----------------|
| Physical Properties¹ | | | |
| Density | ISO 1183 | kg/m ³ | 1,180 |
| Mold Shrinkage | In House Method | % Parallel | 0.5-0.7 |
| | | % Across | 0.5-0.7 |
| Mechanical Properties¹ | | | |
| Tensile Modulus 1mm/min | ISO 527 | MPa | 2,900 |
| Tensile Yield Stress 50mm/min | ISO 527 | MPa | 60 |
| Flexural Modulus 2mm/min | ISO 178 | MPa | 2,900 |
| Flexural Strength 2mm/min | ISO 178 | MPa | 90 |
| Charpy Impact Strength | | Unnotched | NB |
| | | Notched | 30 |
| Thermal Properties¹ | | | |
| Heat Deflection Temperature | ISO 75-1,2 | | |
| | | 1.80MPa | °C |
| | | 0.45MPa | °C |
| Vicat Softening Temperature | ISO 306 | 50°C/h 50N | 96 |
| Flammability | UL 94 | - | V-0 (1.6mm) |
| | UL 94 | | 5VB (2.5mm) |

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.

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