

Product Information

Product Characteristics

- Extrusion Grade
- Medium Viscosity
- Weather Resistant

| Properties | Test Method | Unit | Typical Values | |
|--|-----------------|------------------------|-------------------|-----|
| Physical Properties¹ | | | | |
| Melt Volume Rate 300°C load 1.2 kg | ISO 1133 | cm ³ /10min | 7.0 | |
| Density | ISO 1183 | kg/m ³ | 1,200 | |
| Water Absorption Rate | ISO 62 | % | 0.2 | |
| Light Transmission 3mm thick | ASTM D 1003 | % | 88 | |
| Refractive Index | ASTM D 542 | - | 1.585 | |
| Mold Shrinkage | In House Method | % | 0.5-0.7 | |
| Mechanical Properties¹ | | | | |
| Tensile Modulus 1mm/min | ISO 527 | MPa | 2,400 | |
| Tensile Yield Stress 50mm/min | ISO 527 | MPa | 62 | |
| Flexural Modulus 2mm/min | ISO 178 | MPa | 2,350 | |
| Flexural Strength 2mm/min | ISO 178 | MPa | 93 | |
| Charpy Impact Strength | Unnotched | ISO 179 | kJ/m ² | NB |
| | Notched | ISO 179 | kJ/m ² | 76 |
| Thermal Properties¹ | | | | |
| Load Deflection Temperature | ISO 75-1,2 | | | |
| | | 1.80MPa | °C | 129 |
| | | 0.45MPa | °C | 142 |
| Vicat Softening Temperature | ISO 306 | 50°C/h 50N | 149 | |
| Flammability | UL 94 | | V-2 (0.40mm) | |
| | UL 94 | - | HB (1.5mm) | |

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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