Multilon® PC/ABS Resin - General Purpose

T-3011

Product Information

Product Characteristics

• Injection Molding Grade
• High Heat Resistant
• Good Dimensional Stability

Properties | Test Method | Unit | Typical Values
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**Physical Properties¹**
Density | ISO 1183 | kg/m³ | 1,140
Mold Shrinkage | In House Method | % Parallel | 0.5-0.7
 | | % Across | 0.5-0.7
**Mechanical Properties¹**
Tensile Modulus 1mm/min | ISO 527 | MPa | 2,450
Tensile Yield Stress 50mm/min | ISO 527 | MPa | 60
Flexural Modulus 2mm/min | ISO 178 | MPa | 2,500
Flexural Strength 2mm/min | ISO 178 | MPa | 90
Charpy Impact Strength
 | Unnotched | ISO 179 | kJ/m² | NB
 | Notched | ISO 179 | kJ/m² | 80
**Thermal Properties¹**
Heat Deflection Temperature | ISO 75-1,2 | 1.80MPa | °C | 105
 | | 0.45MPa | °C | 123
Vicat Softening Temperature | ISO 306 | 50°C/h 50N | 121
Flammability | UL 94 | - | HB (0.8mm)

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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