

Data Sheet: High Detail Resin

THERMAL PROPERTIES

| Property | Unit | Value | Norm |
|-----------------------------|------|-------|-----------|
| Heat Deflection at 0.46 MPa | °C | 53 | ASTM D648 |

MECHANICAL PROPERTIES

| Property | Unit | Value | Norm |
|----------------------------------|---------|-------|------------|
| Tensile Strength ⁱ | MPa | 47.2 | ASTM D638 |
| Tensile Modulus ⁱ | MPa | 2.587 | ASTM D638 |
| Flexural Modulus ⁱ | MPa | 2500 | ASTM D790 |
| Elongation at Break ⁱ | % | 6 | ASTM D638 |
| Hardness | Shore D | 83 | ASTM D2240 |

TOLERANCES

| Property | Unit | Value As Built |
|---------------------------------|---------|--|
| Achievable Part Accuracy | mm % | +/- 0.2 mm for parts up to 100 mm +/- 0.2 % for beyond 100 mm |
| Min. Wall Thickness | mm | 1.0 |

ⁱ Depending on build direction.