

## Data Sheet: Standard Resin

### THERMAL PROPERTIES

Property	Unit	Value	Norm
Heat Deflection at 0.46 MPa	°C	39-52	ASTM D648

### MECHANICAL PROPERTIES

Property	Unit	Value	Norm
Tensile Strength <sup>i</sup>	MPa	38-56	ASTM D638
Tensile Modulus <sup>i</sup>	MPa	2.589 - 2.695	ASTM D638
Notched Izod Impact <sup>i</sup>	J/m	35 - 55	ASTM D256
Flexural Modulus <sup>i</sup>	MPa	2.692 - 2.775	ASTM D790
Elongation at Break <sup>i</sup>	%	12 - 20	ASTM D638
Hardness	Shore D	76 - 88	ASTM D2240

### TOLERANCES

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

<sup>i</sup> Depending on build direction.