

## TECHNICAL DATA SHEET

**Product Name:** Structo Hard Splint Resin

**Product Code:** PN60007 V-01

**Specification:**

<b>Mechanical properties</b>	<b>Standards</b>	<b>Value</b>
<b>Tensile Strength (MPa)</b>	ASTM: D638	<b>45 - 55</b>
<b>Tensile Modulus (MPa)</b>		<b>900- 1000</b>
<b>Elongation (%)</b>		<b>20 - 25</b>
<b>Hardness D</b>	ASTM: D2240	<b>90 - 95</b>
<b>Flexural strength (MPa)</b>	ASTM D790	<b>80 - 90</b>
<b>Flexural Modulus (MPa)</b>	ASTM: D790	<b>1700 - 1900</b>
<b>Liquid Properties</b>		
<b>Viscosity (25°C) mPsec</b>	GB/T 4472	<b>250 - 500</b>
<b>Density (g/cm<sup>3</sup>)</b>	GB/T 22235	<b>1.05- 1.2</b>
<b>Color</b>	-	<b>Transparent</b>

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Material properties may vary based on part geometry, print orientation, print settings and postcuring temperature used.