

## TECHNICAL DATA SHEET

**Product Name:** Structo Hawley Retainer Resin

**Product Code:** PN18053 V-02

**Specification:**

| Mechanical properties        | Standards   | Value      |
|------------------------------|-------------|------------|
| Tensile Strength (MPa)       | ASTM: D638  | 25 - 30    |
| Tensile Modulus (MPa)        |             | 80 - 100   |
| Elongation (%)               |             | 30 - 32    |
| Hardness D                   | ASTM: D2240 | 85 - 90    |
| Flexural strength (MPa)      | ASTM D790   | 24 - 26    |
| Flexural Modulus (MPa)       | ASTM: D790  | 500 - 600  |
| <b>Liquid Properties</b>     |             |            |
| Viscosity (25°C) mPaSec      | GB/T 4472   | 450 - 650  |
| Density (g/cm <sup>3</sup> ) | GB/T 22235  | 1.05 - 1.1 |
| Color                        | -           | Blue       |

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