

FORTIFY DIGITAL TOOLING

MATERIALS DATA SHEET



WHAT'S IN
YOUR
RESIN?

MECHANICAL PROPERTY	METRIC	METHOD
Ultimate Tensile Strength (MPa)	95	ASTM D638
Young' Modulus (GPa)	5.6	ASTM D638
Strain (%)	2.0	ASTM D638
Heat Deflection temperature (°C) @ 0.45 MPa	260	ASTM D648
Flexural Strength (MPa)	180	ASTM D790
Flexural Modulus (GPa)	6.3	ASTM D790
Shrinkage After Post-Cure (%)	<1	
CTE (µm/m/ °C)	40	
Smallest Printable Feature (µm)	100	