

FORTIFY DT (DIGITAL TOOLING)

WHAT'S IN
YOUR
RESIN?

MATERIALS DATA SHEET

MECHANICAL PROPERTY	METRIC	METHOD
Ultimate Tensile Strength (MPa)	90	ASTM D638 (Type V)
Young's Modulus (GPa)	7.4	ASTM D638 (Type V)
Strain at Break (%)	1.8	ASTM D638 (Type V)
Heat Deflection Temperature (°C) @ 0.45 MPa	>300	ASTM D648
Heat Deflection Temperature (°C) @ 1.81 MPa	140	ASTM D648
Flexural Strength (MPa)	104	ASTM D790
Flexural Modulus (GPa)	5.2	ASTM D790
Hardness Shore (D)	91	ASTM D2240
Notched Impact (1ZOD)	14	ASTM D256
Taber Abrasion (mg/1000 cycles)	28	ASTM D4060
Smallest Printable Feature (µm)	300	

