

	Disc shape (Fig. 6)	Force Load (N)	Displacement (mm)
3D-printed material - VeroClear			
Parallel	A, B, C	1419 ± 73	0.3 ± 0.02
Perpendicular	D	1542 ± 34	0.3 ± 0.02
FEA		1666	0.2
Laser cut material - Acrylic			
Isotropic	E	4809 ± 106	0.8 ± 0.04