

Materials List for:

Environmentally-controlled Microtensile Testing of Mechanically-adaptive Polymer Nanocomposites for *ex vivo* Characterization

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Materials

Name	Company	Catalog Number	Comments
Silicon wafer	University Wafer		Mechanical grade
Extruded acrylic sheet	Professional Plastics	SACR 062EF	Thickness 0.062"
Razor blade	McMaster-Carr	3962A3	
Tweezers	McMaster-Carr	8384A47	#5 tip
Super Glue Gel	Loctite	130380	
Air Brush	Snap-on Industrial	BF175TA	
Air Compressor	Paasche	B002YKN8YO	D500
Thermocouple	Omega	HH12A	
Hot plate	Cimarec	SP131325Q	
CO2 direct-write laser	VersaLaser	3.5	
Dessicator	Fisher Scientific	08-595	
Lamp			custom-built
Microtensile tester			custom-built