

Materials List for:

# Environmental Dynamic Mechanical Analysis to Predict the Softening Behavior of Neural Implants

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## Materials

Name	Company	Catalog Number	Comments
1,3,5-Triallyl-1,3,5-triazine-2,4,6(1H,3H,5H)-trione (TATATO)	Sigma-Aldrich	114235-100G	
2,2-Dimethoxy-2-phenylacetophenone (DMPA)	Sigma-Aldrich	196118-50G	
CO2 laser Gravograph LS100	Gravotech, Inc.		
Corning Large Glass Microscope Slides, 75 x 50mm	Ted Pella	26005	
Environmental DMA: RSA-G2 Solids Analyzer	TA Instruments		
ESD Safe Plastic Tweezer, Tips; Flat, Duckbill, 11.5 cm	Cole Palmer	EW-07387-17	
Laurell WS-650-8B spin coater	Laurell Technologies Corporation		
liquid nitrogen	Air gas		
PBS, 1X Solution, Fisher BioReagents	Fisher Scientific	BP243820	
SHEL LAB vacuum oven	VWR International	89409-484	
Silicon wafer	University Wafer		Mechanical grade
The RSA-G2 Immersion System	TA Instruments		
Trimethylolpropane tris(3-mercaptopropionate) (TMTMP)	Sigma-Aldrich	381489-100ML	
UVP CL-1000 crosslinking chamber with 365 nm bulbs	VWR International	21474-598	