

Materials List for:

# Simulation, Fabrication and Characterization of THz Metamaterial Absorbers

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## Materials

Name	Company	Catalog Number	Comments
Lumerical FDTD	Lumerical		
Silicon wafer	IDB technologies		Single sided polished
Plassys 450 MEB evaporator	Plassys Bestek		
VM651 Primer	Dupont		
PI2545	Dupont		
Methyl Isobutyl Ketone	Sigma-Aldrich		
Isopropanol	Sigma-Aldrich		
Plasmaprep5 barrel Asher	Gala Instrumente		
VB6 UHR EWF electron beam writer	Vistec		
Tanner L-Edit	Tanner Inc.		
Layout Beamer	GenISys Inc.		
Polymethyl methacrylate (PMMA)	Sigma-Aldrich	293261 Sigma-Aldrich	
IFV 66v/s FTIR	Bruker		
Pike 30spec reflection unit	Pike Technologies		
Hg arc lamp	Bruker		
Au mirror	Thor Labs	PF05-03-M01	
Leica INM20 Optical Microscope	Leica microsystems		
6 mm Mylar Beamsplitter	Bruker		