

Materials List for:

Strain Sensing Based on Multiscale Composite Materials Reinforced with Graphene Nanoplatelets

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URL: <https://www.jove.com/video/54512>

DOI: [doi:10.3791/54512](https://doi.org/10.3791/54512)

Materials

Name	Company	Catalog Number	Comments
Graphene Nanoplatelets	XGScience	M25	NA
Epoxy resin	Huntsman	Araldite LY556	NA
XB3473	NA		
Probe sonication	Hielscher	UP400S	NA
Three roll mill	Exakt	Exakt 80E (Exakt GmbH)	NA
Glass fiber fabric	Hexcel	HexForce® 01031 1000 TF970 E UD 4H	NA
Hot plate press	Fontijne	Fontijne LabEcon300	NA
Sizing	Nanocyl	Sizicyl™	NA
Multimeter	Alava Ingenieros	Agilent 34410A	NA
Strain Gauges	Vishay	Micro-Measurement (MM®) CEA-06-187UW-120	NA
Mechanical tests machine	Zwick	Zwick/Roell 100 kN	NA
Conductive silver paint	Monocomp	16062 – PELCO® Conductive Silver Paint	NA