

# The Effects of Polyaniline Nanofibers and Graphene Flakes on the Electrical Properties and Mechanical Properties of ABS-like Resin Composites Obtained by DLP 3D Printing

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**Table S1.** Characteristic bands with specific vibrational modes of ABS-like resin composites.

Wavenumber (cm <sup>-1</sup> )	Vibration
635, 791, 810	C=C out-of-plane bending
833, 953, 983	C-H out-of-plane bending
1032, 1066	C-O-C symmetric stretching
1112	C-O-C asymmetric stretching
1183	C-H in-plane bending, C-C stretching, C-O-C asymmetric stretching
1238, 1266, 1297, 1362, 1408, 1441, 1510	C-N stretching, C=N in-plane bending, C-H in-plane bending, N-H bending
1610, 1639	C=C stretching
1717-1726	C=O stretching
2861	C-H symmetric stretching
2927, 2967	C-H asymmetric stretching
3435-3443	N-H stretching