

Supplementary Information

Visible-Light Sensitization of Boron-Doped Nanocrystalline Diamond through Non-covalent Surface Modification

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Table S1: Results of XPS surface analysis (concentrations in atom %).

	BDD	BDD-PEI 2.5	BDD-PEI 40	BDD-PEI 2.5-P1	BDD-PEI 40-P1
C 1s	96.3	89.5	84.4	77.3	76.1
O 1s	2.4	5.1	5.4	8.6	10.4
N 1s	0	1.8	5.7	6.7	6.1
Cl 2p	0	0.6	2.7	0.5	0.4
B 1s	0.9	2.6	1.5	1.3	1.2
S 2p	0	0	0	4.6	4.8
Si 2s	0.4	0.4	0.3	1.0	1.0

Figure S1: XPS spectra of the studied samples. Curves are offset for clarity, but the intensity scale is identical.

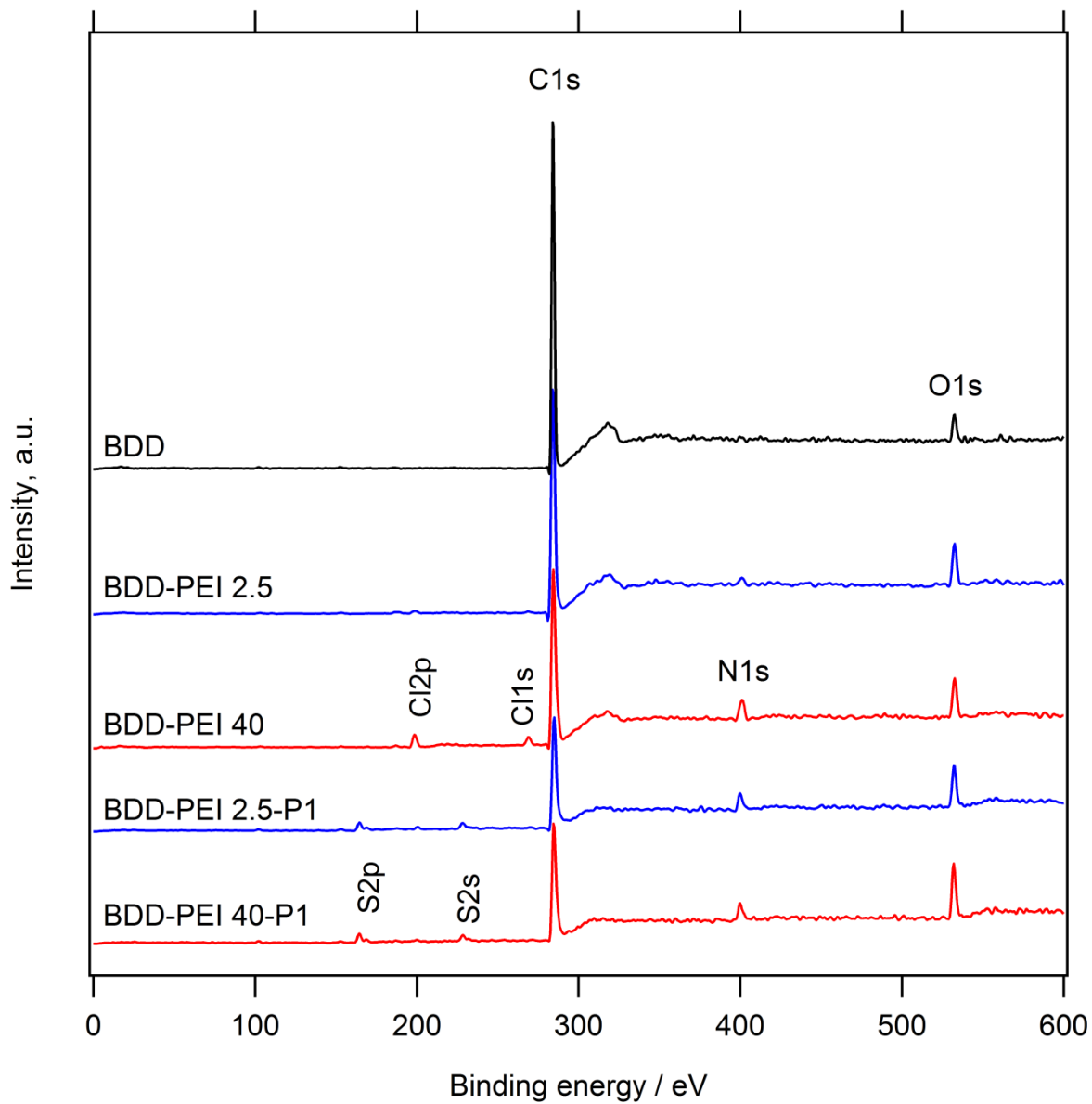


Figure S2. Raman spectrum of the blank BDD sample. Excitation wavelength 725 nm.

