

Supplementary Materials

This section here illustrates the bar chart included with error bars for the tensile strength and Young's Modulus for all 21 of the nylon 610/graphite flakes polymer nanocomposites. The results shown in the bar charts below are exactly the same as in Figure 2 and 3 in the main research article.

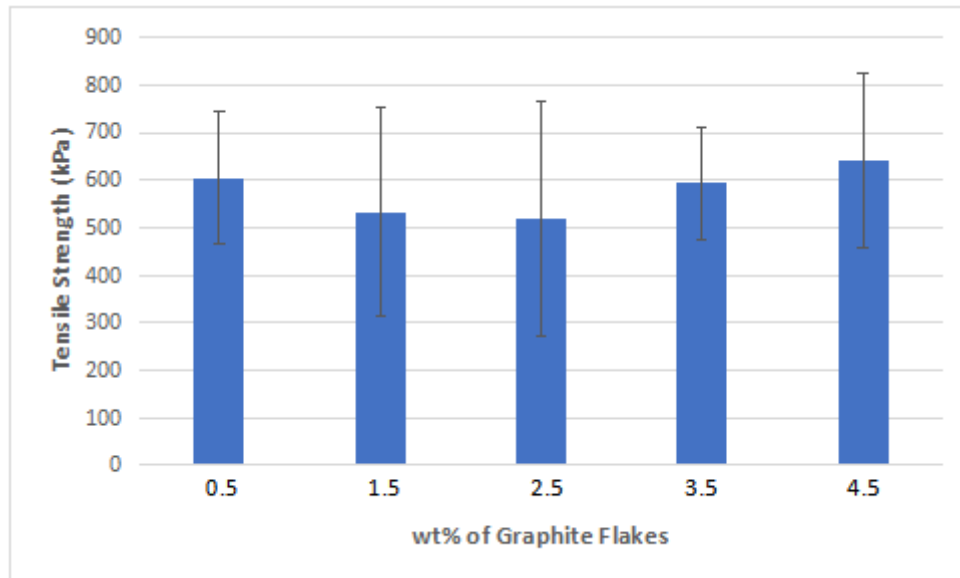


Figure S1: Average Tensile Strength of Nylon 610 Nanocomposites with Graphite Flakes Treated at 200 °C & -0.08 MPa

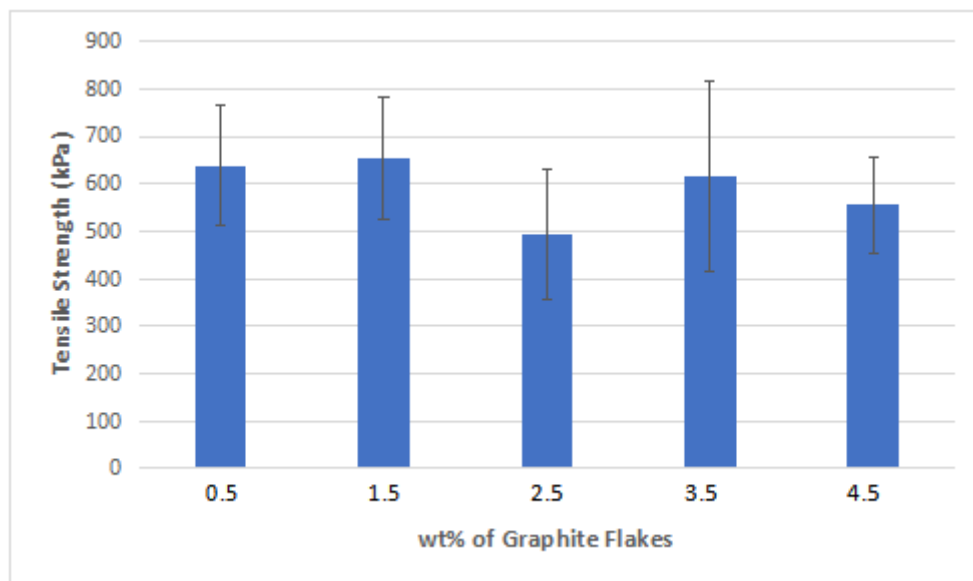


Figure S2: Average Tensile Strength of Nylon 610 Nanocomposites with Graphite Flakes Treated at 175 °C & -0.08 MPa

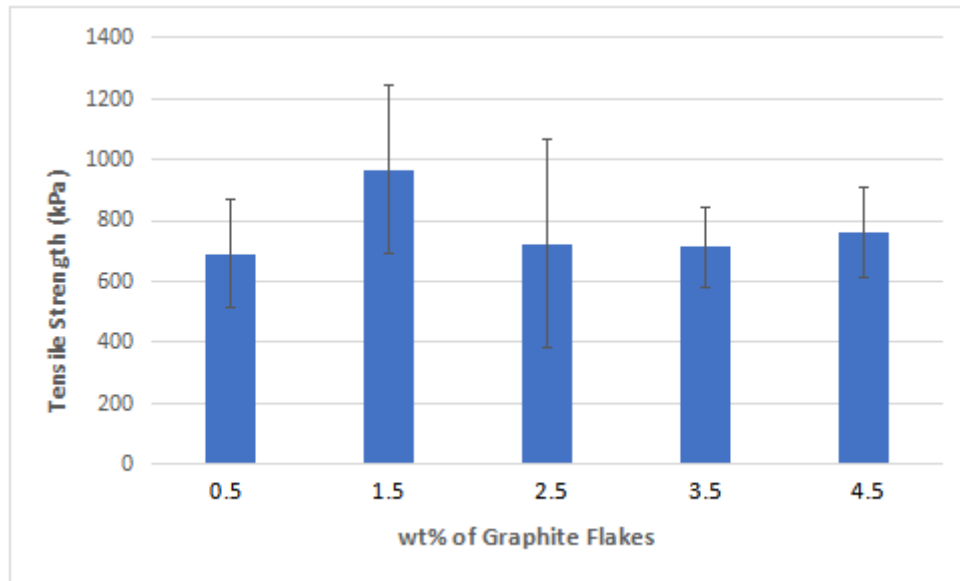


Figure S3: Average Tensile Strength of Nylon 610 Nanocomposites with Graphite Flakes Treated at 150 °C & -0.08 MPa

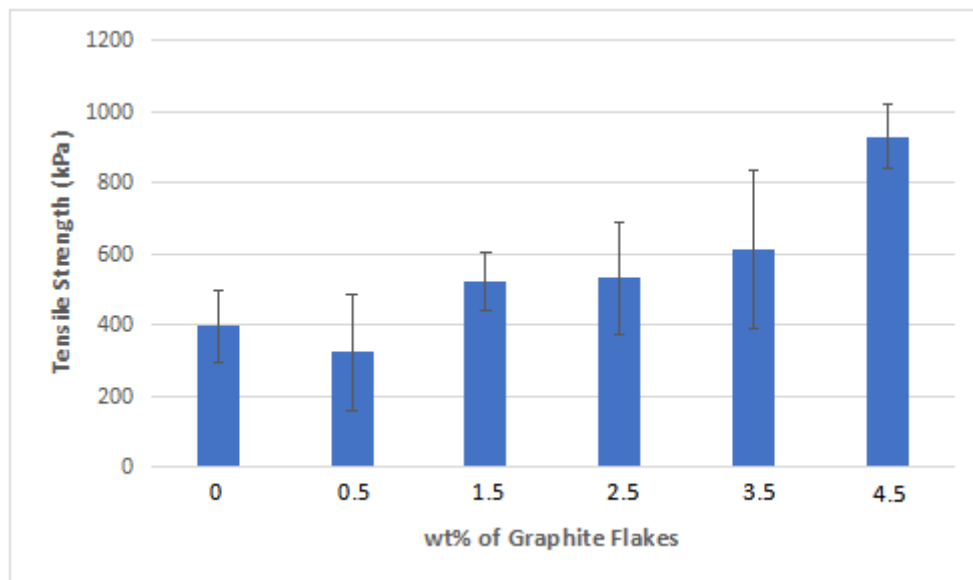


Figure S4: Average Tensile Strength of Nylon 610 Nanocomposites with Untreated Graphite Flakes

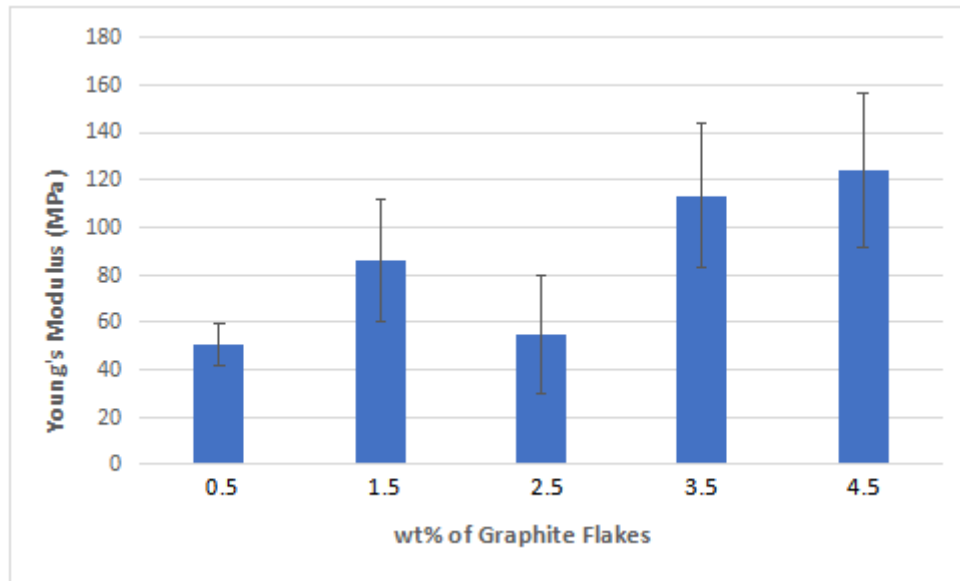


Figure S5: Average Young's Modulus of Nylon 610 Nanocomposites with Graphite Flakes Treated at 200 °C & -0.08 MPa

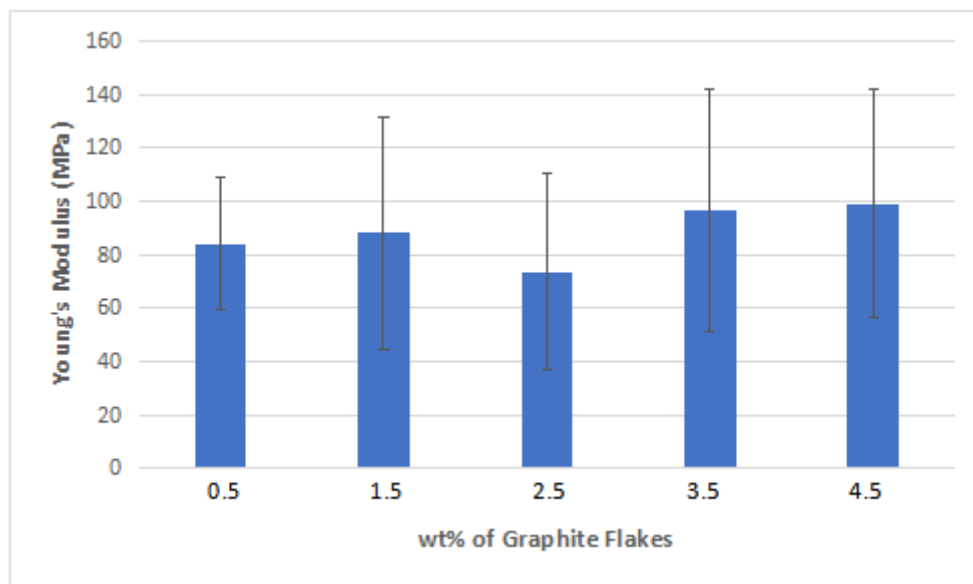


Figure S6: Average Young's Modulus of Nylon 610 Nanocomposites with Graphite Flakes Treated at 175 °C & -0.08 MPa

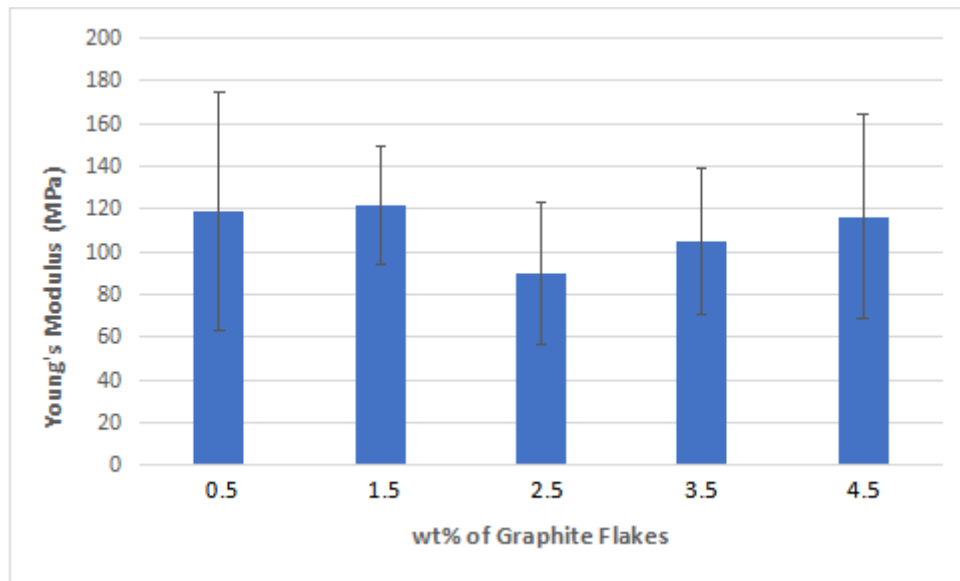


Figure S7: Average Young's Modulus of Nylon 610 Nanocomposites with Graphite Flakes Treated at 150 °C & -0.08 MPa

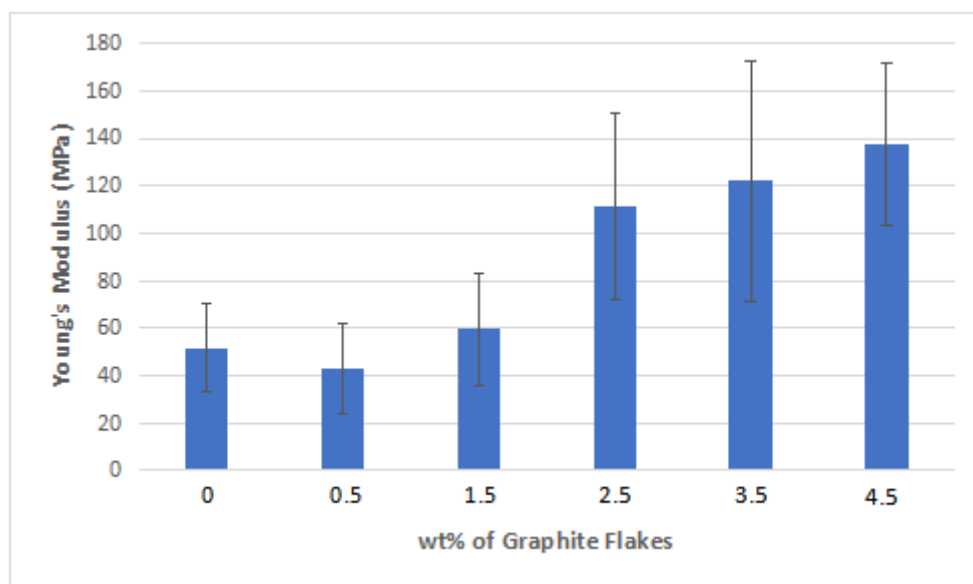


Figure S8: Average Young's Modulus of Nylon 610 Nanocomposites with Untreated Graphite Flakes