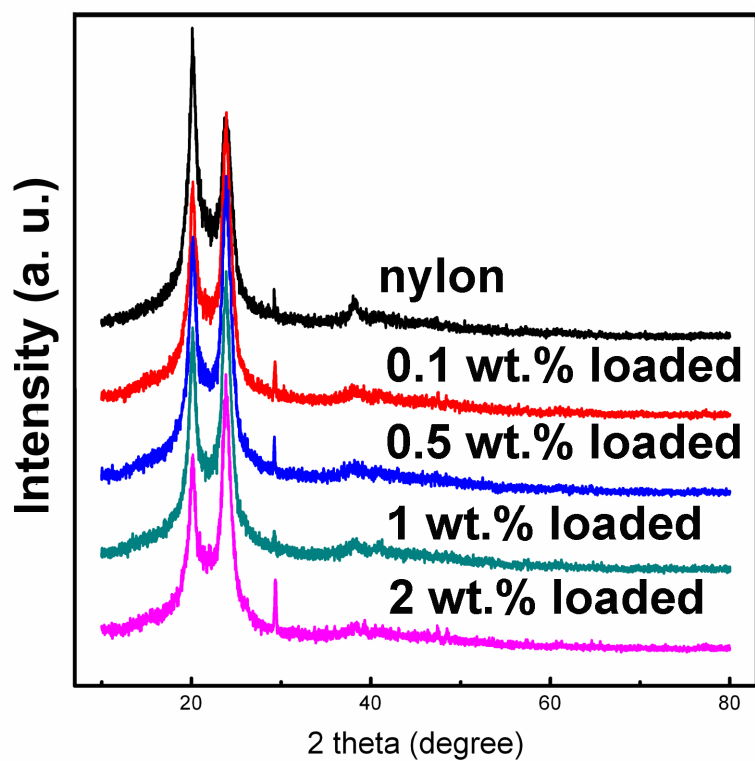


Supplementary file



X-ray diffraction profiles of pure polymer and composites loaded with various f_{tube} .

The primary reflections at $2\theta = 20^\circ$ and 26° correspond to separation between adjacent chains along a-axis (4.5\AA) and zigzag CH_2 units along b-axis (3.4\AA), and

CNT_{002} reflection is evident by enhanced adsorption at $2\theta = 26^\circ$.