

## Structure and Mechanical Properties of Bioinspired Layered Nanocomposites from Laponite-Hydroxyethyl Cellulose Vacuum-Assisted Self-Assembly

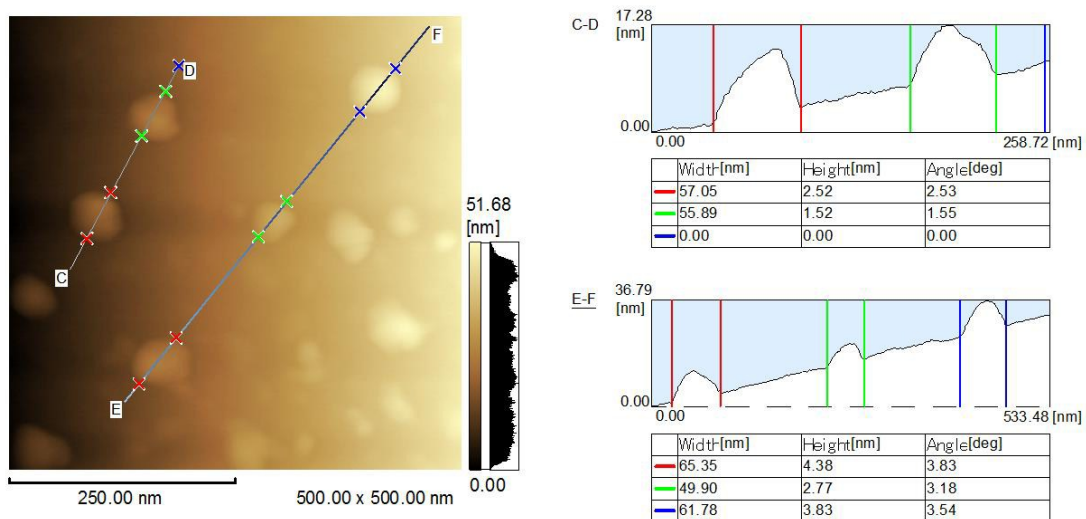


Figure S1 Atomic force microscopy image of LRD nanoplatelets deposited on mica.

Table S1 Density and porosity of LRD/HEC nanocomposites.

Sample	Density (Kg m <sup>-3</sup> )	Porosity (%)
L10/H90	637	10
L20/H80	643	11
L30/H70	647	12
L40/H60	650	14
L50/H50	655	15
L60/H40	659	17
L70/H30	664	18
L80/H20	689	20
L90/H10	696	23