

Electronic Supplementary Information for
Hot-pressing induced alignment of hexagonal boron nitride in SEBS
elastomer for superior thermally-conductive composites

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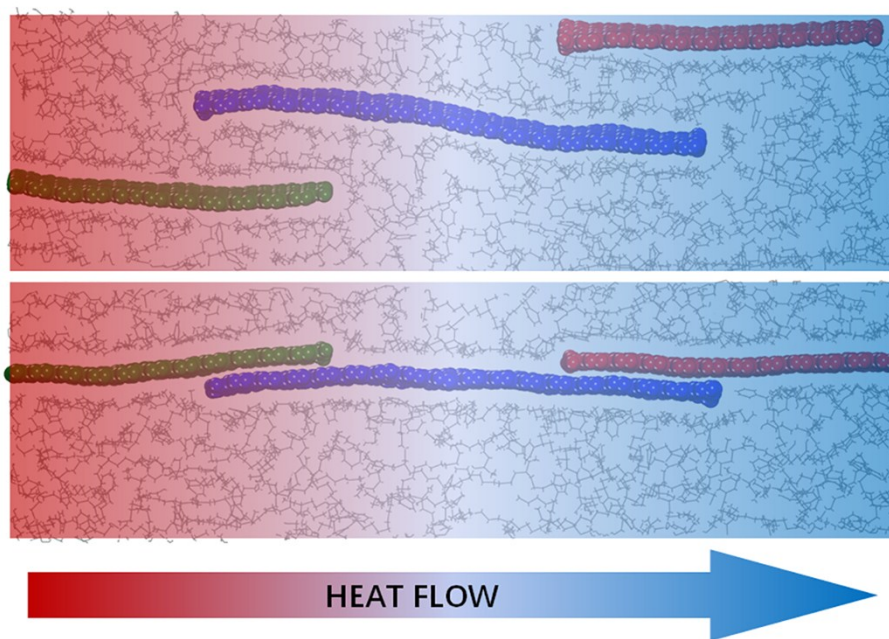


Fig. S1 Illustration of rNEMD to calculate the thermal conductivity. The red, blue and green present three individual hBN molecules, and the grey presents the SEBS matrix.

Table S1 Force field settings employed in the simulations

species	intramolecular interaction	intermolecular interaction	atomic charge	L-J parameters
SEBS	Airebo	Lennard-Jones potential	/	σ : 3.4 Å ϵ : 0.2 eV
hBN	Tersoff	coulomb potential	N: 0.6 e B: -0.6 e	/

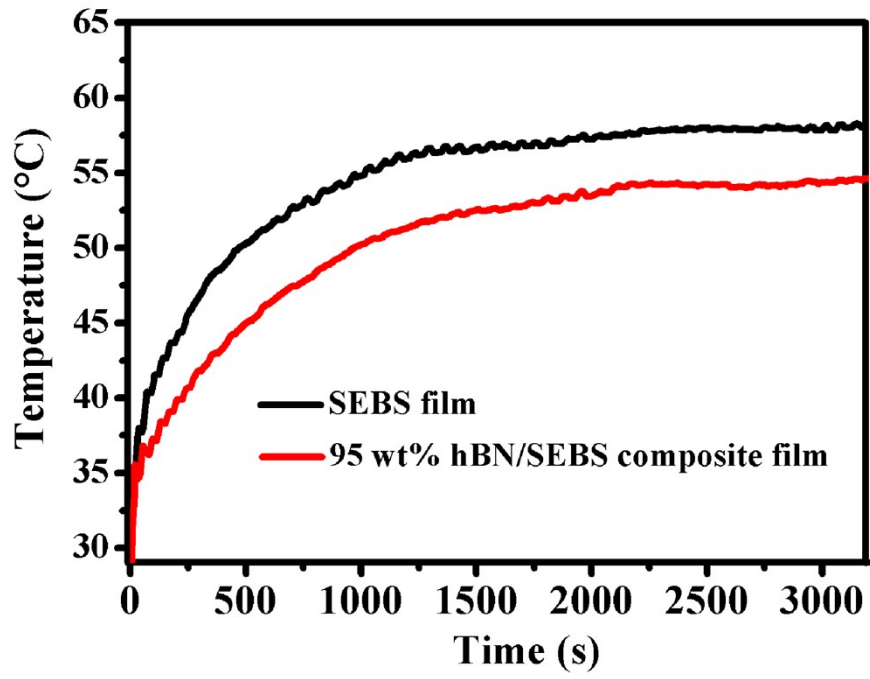


Fig. S2 Temperature variation of the working CPU.