Influence from defects of three-dimensional graphene networks on the interface condition between graphene basal plane and various resins

Table S1 The thermal conductivities of various TIMs by using the monolayer and three-layer 3DGNs as the filler (the defect density of the 3DGNs is $2.52 \times 10^8 \text{ cm}^{-2}$).

| Samples   | Monolayer 3DGNs (wt%) | Three-layer 3DGNs (wt%) |
|-----------|------------------------|-------------------------|
|           | 5          | 10        | 15        | 20        | 5         | 10        | 15        | 20        |
| 3DGNs-ER  | 2.6±0.14   | 3.7±0.16  | 4.1±0.12  | 4.6±0.12  | 2.5±0.11  | 3.7±0.12  | 4.2±0.10  | 4.6±0.13  |
| 3DGNs-AR  | 2.0±0.11   | 2.8±0.14  | 3.6±0.14  | 4.2±0.12  | 2.1±0.12  | 2.7±0.16  | 3.6±0.12  | 4.2±0.15  |
| 3DGNs-PR  | 1.6±0.12   | 2.5±0.12  | 3.2±0.12  | 3.8±0.14  | 1.6±0.10  | 2.4±0.18  | 3.3±0.09  | 3.8±0.11  |