

Supplementary Material

**Polyamide-imide/polyimide alloy with enhanced energy density
and efficiency**

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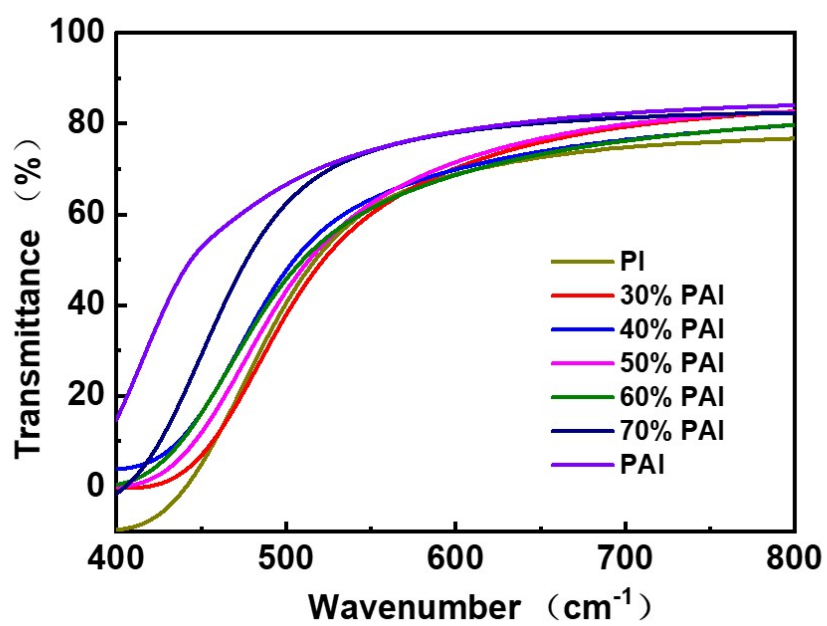


Fig. S1. UV spectra of PI, PAI and PAI/PI alloys.

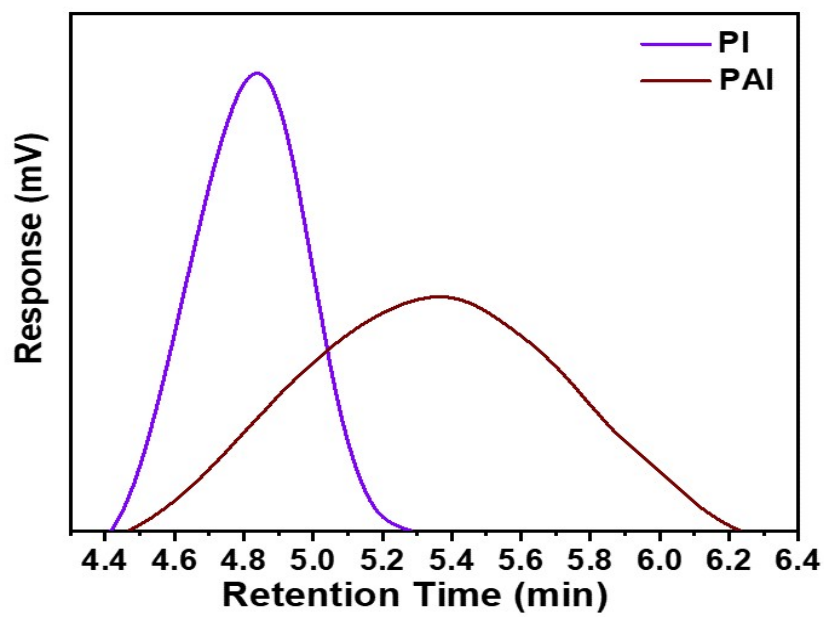


Fig. S2. GPC curves of PI and PAI.

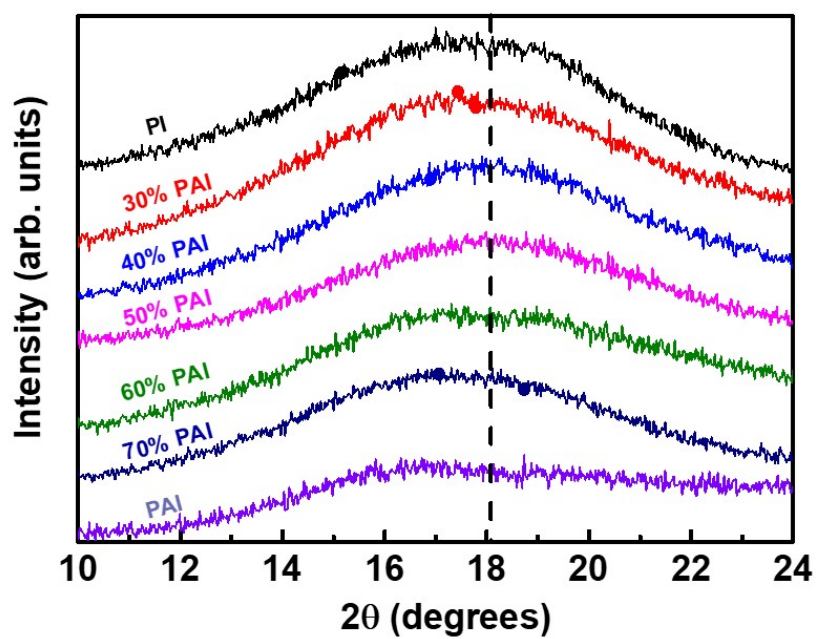


Fig. S3. X-ray diffraction (XRD) spectra of PI, PAI and PAI/PI alloys.

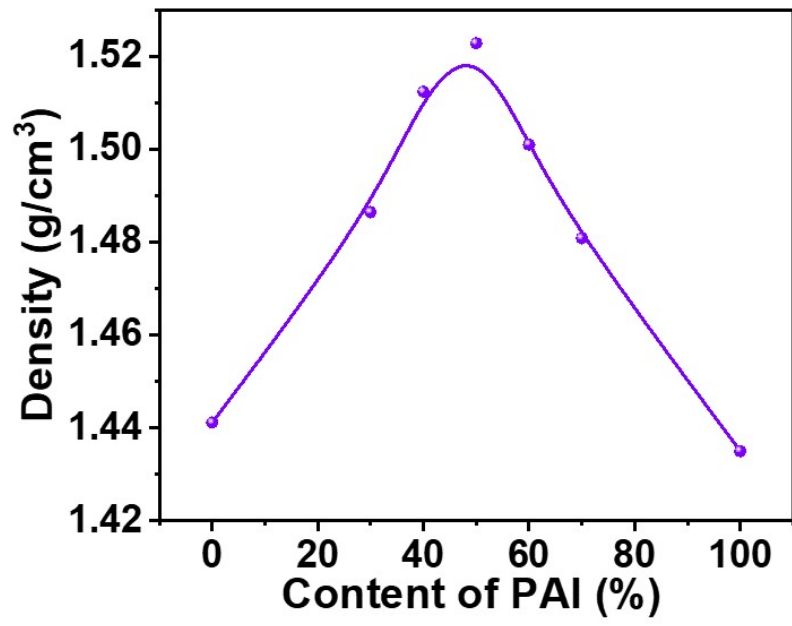


Fig. S4. The density of PAI/PI alloys with different PAI contents.

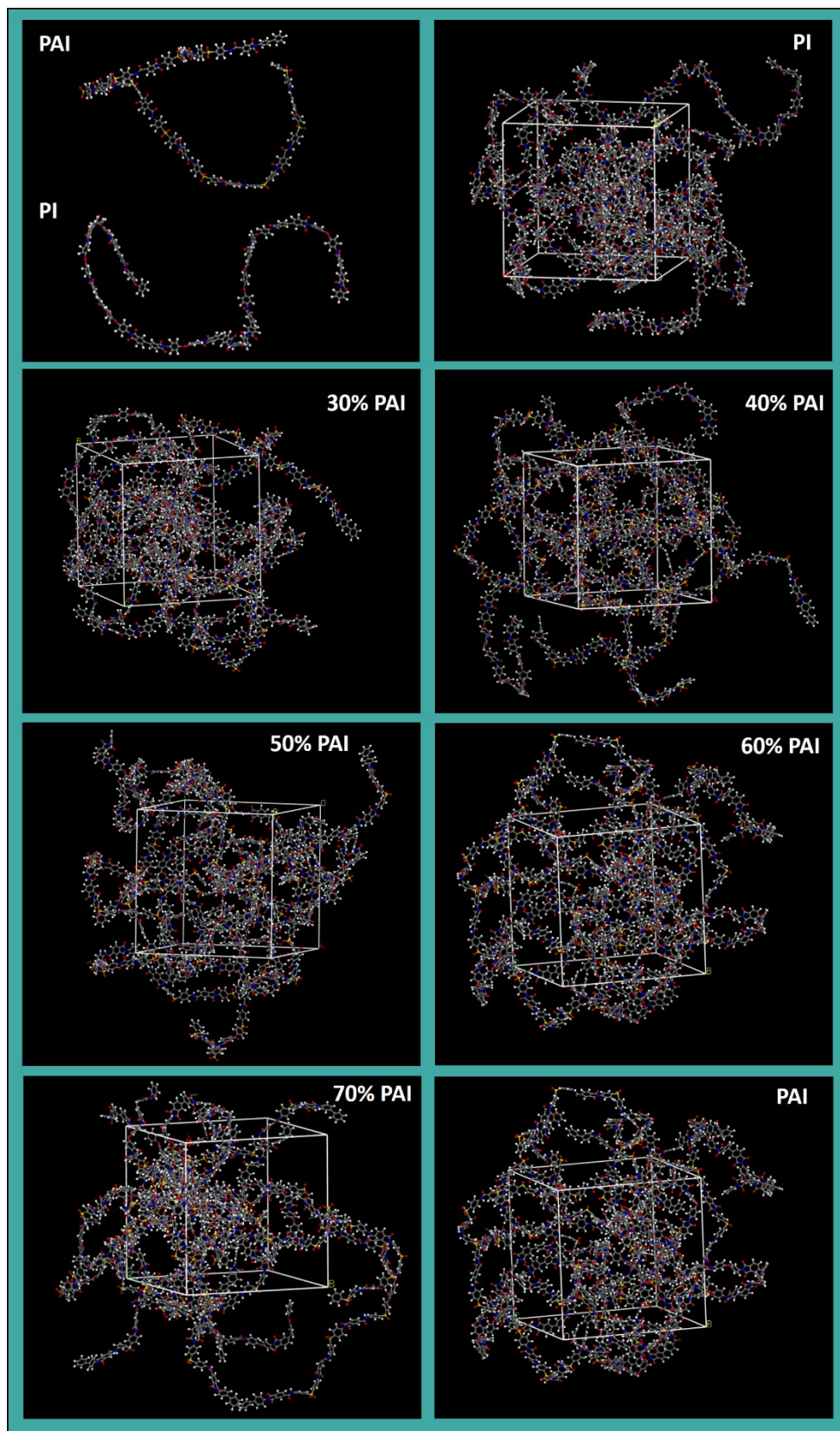


Fig. S5. Molecular structure modeling of PAI/PI alloys with different PAI contents by Materials Studio.