

Electronic Supplementary Information

Synthesis and properties of star-branched nylon 6 with hexafunctional cyclotriphosphazene core

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Fig. S1. FTIR spectra of HAPCP and HCPCP.

Fig. S2. ³¹P-NMR spectra of HAPCP and HCPCP.

Fig. S3. MS spectra of HAPCP and HCPCP.

Fig. S4. TGA curves of star-branched and linear nylon 6 under N₂.

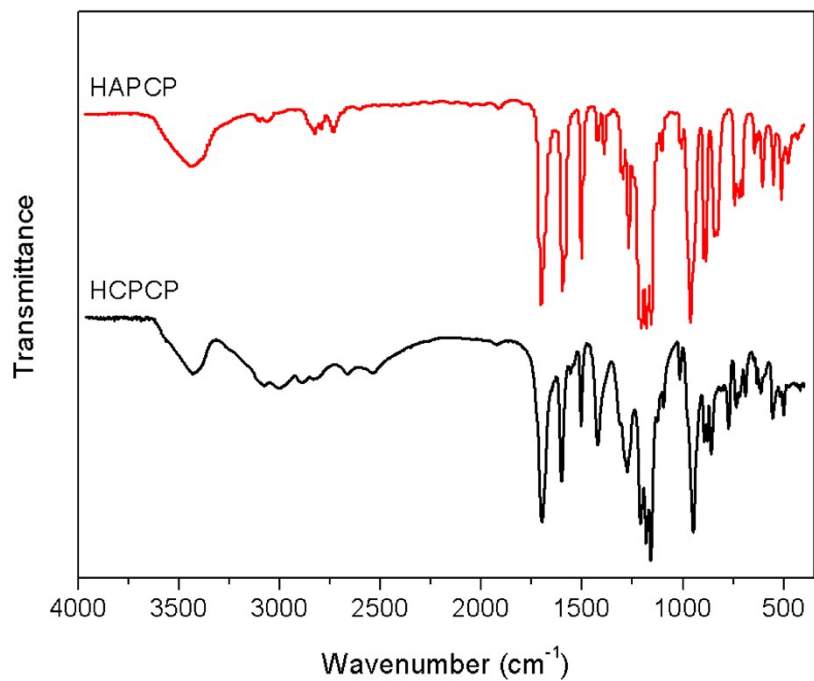


Fig. S1 FTIR spectra of HAPCP and HCPCP.

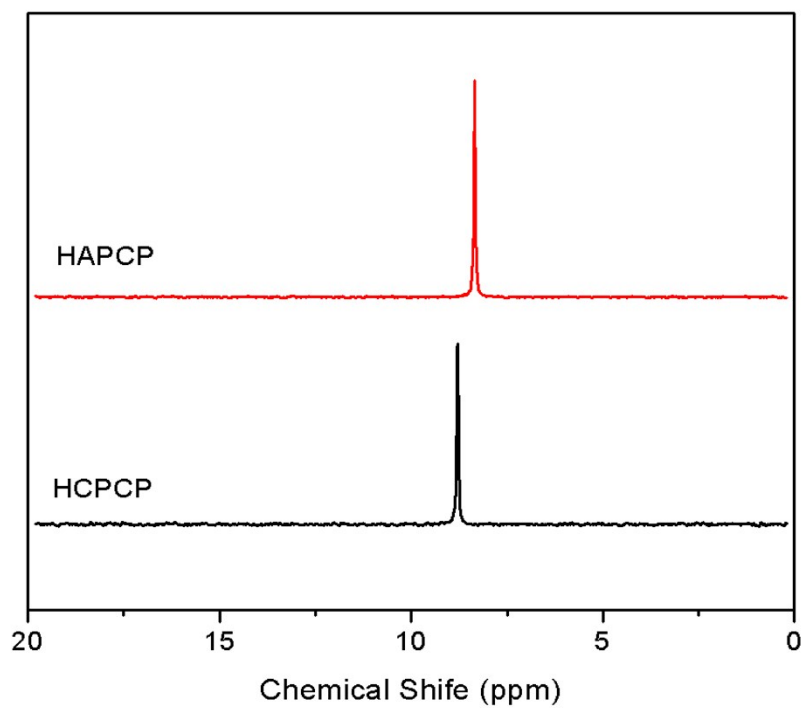


Fig. S2 ³¹P-NMR spectra of HAPCP and HCPCP.

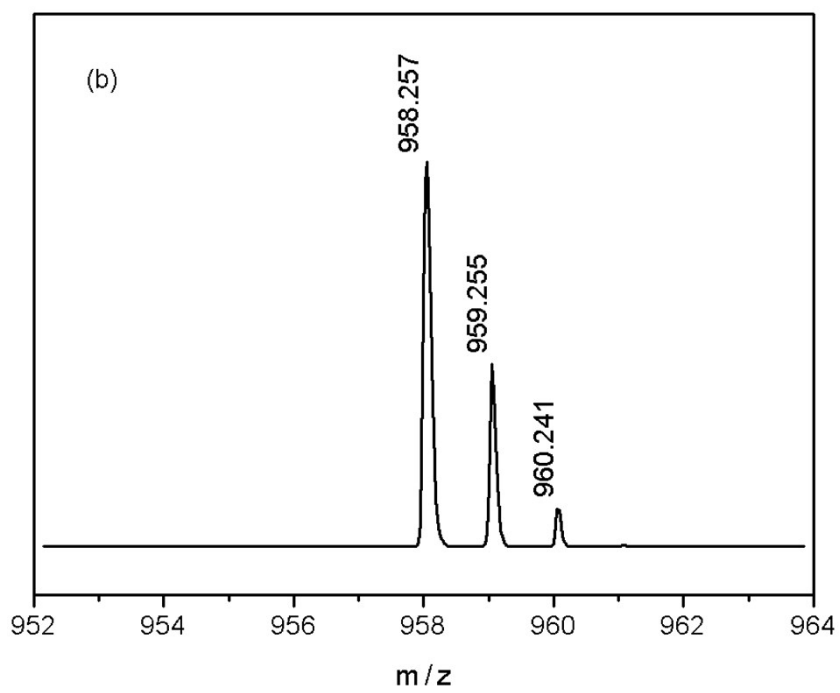
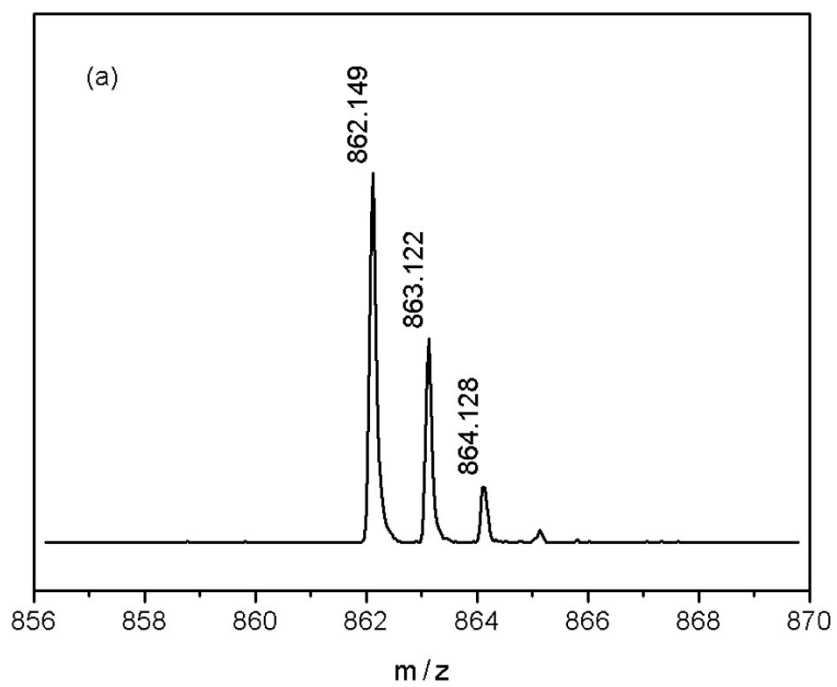


Fig. S3 MS spectra of HAPCP (a) and HCPCP (b).

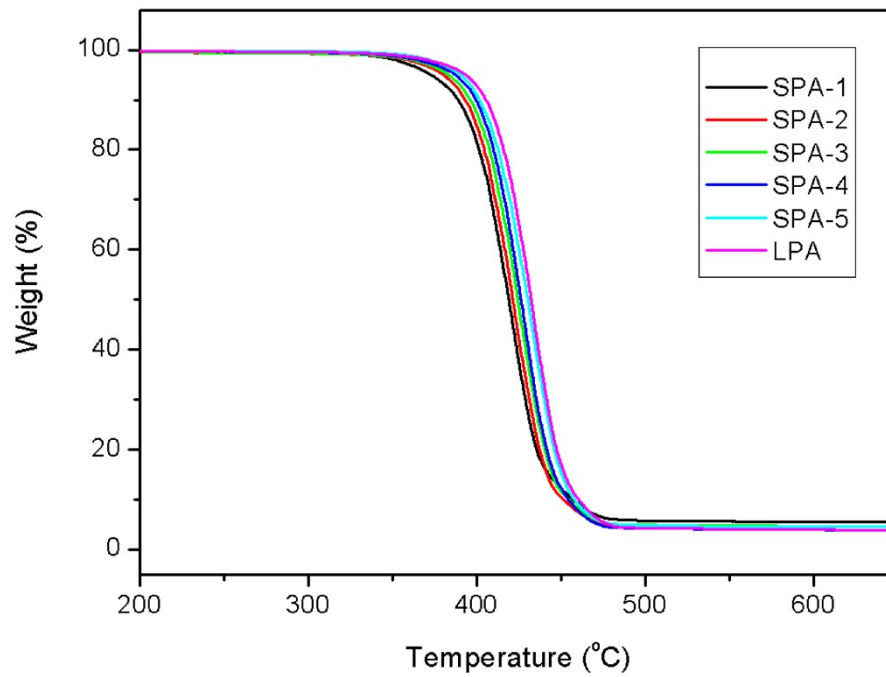


Fig. S4 TGA curves of star-branched and linear nylon 6 under N₂.