

Supporting Information

Significant Roles of Fe Nanoparticles in Mediating Thermal Properties of Polymers

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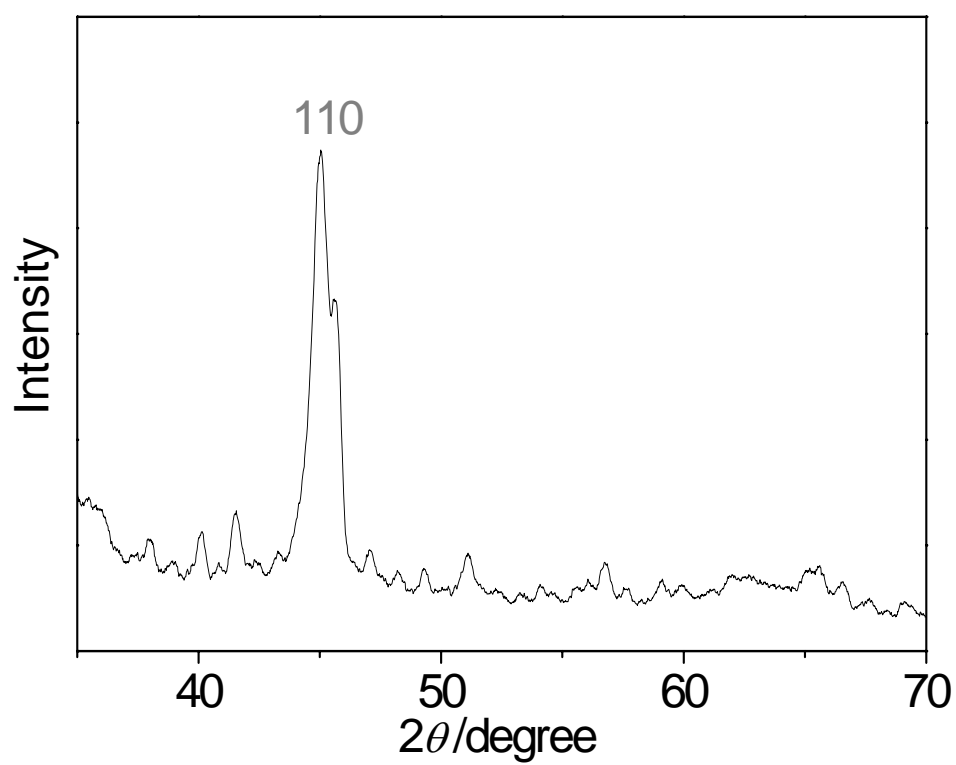
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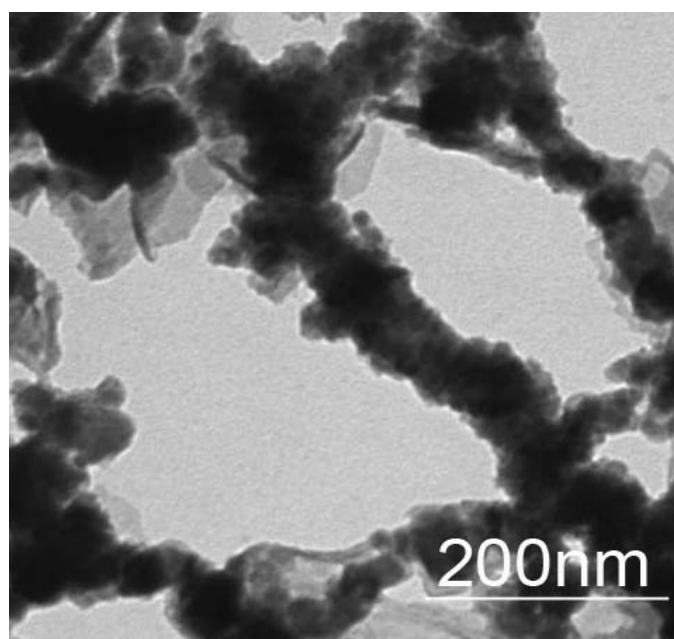
A list of the contents for all the Supporting Information

Page	Contents
1	A table of contents page.
2	XRD patterns of Fe nanoparticles.
3	TEM image of Fe nanoparticles.
4	TG profiles of (a) free PEG and (b) Fe-PEG.
5	TIC curve of free PPG.
6	Mass spectra of free PPG at (A) 10.25, (B) 17.40, (C) 25.77 and (D) 31.74 min.
7	TG profiles of (a) free PTFE and (b) Fe-PTFE.
8	TIC curves of (A) free PTFE and (B) Fe-PTFE.
9	Mass spectra of free PEG at (A) 32.1 and (B) 35.7 min.

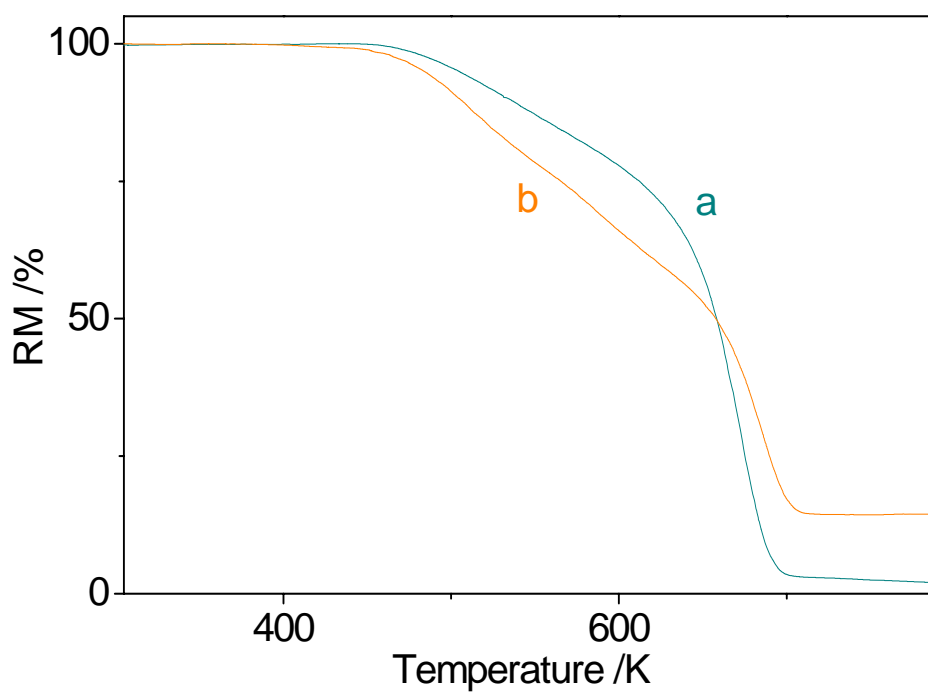
XRD patterns of Fe nanoparticles.



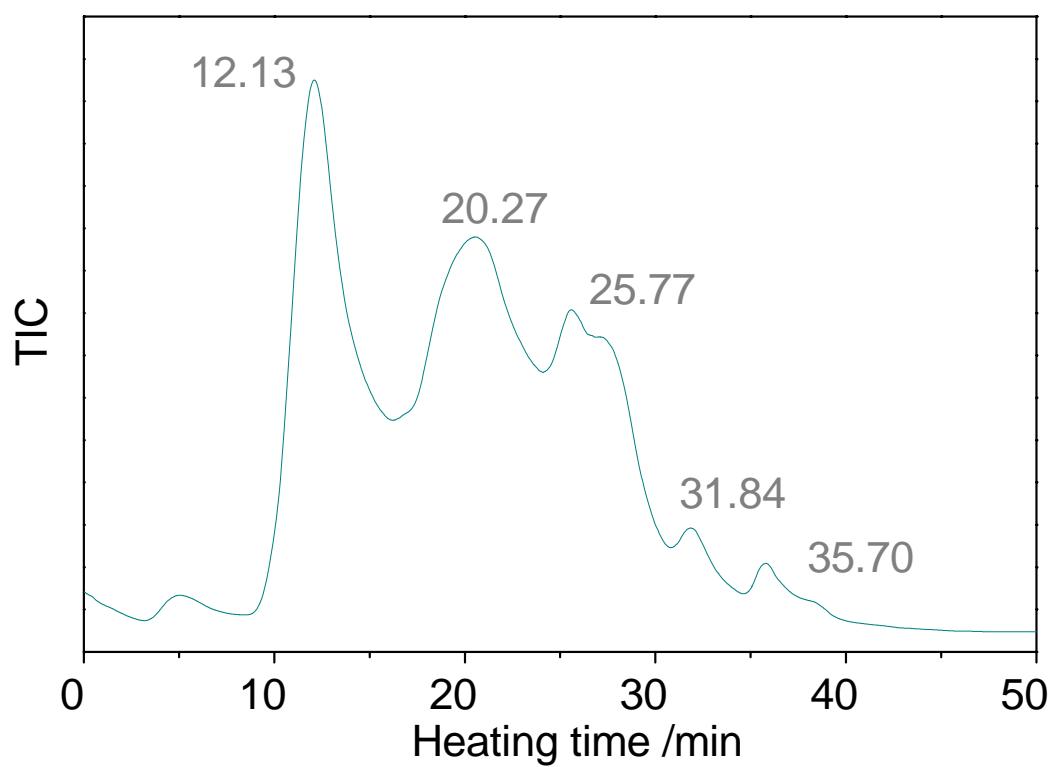
TEM image of Fe nanoparticles.



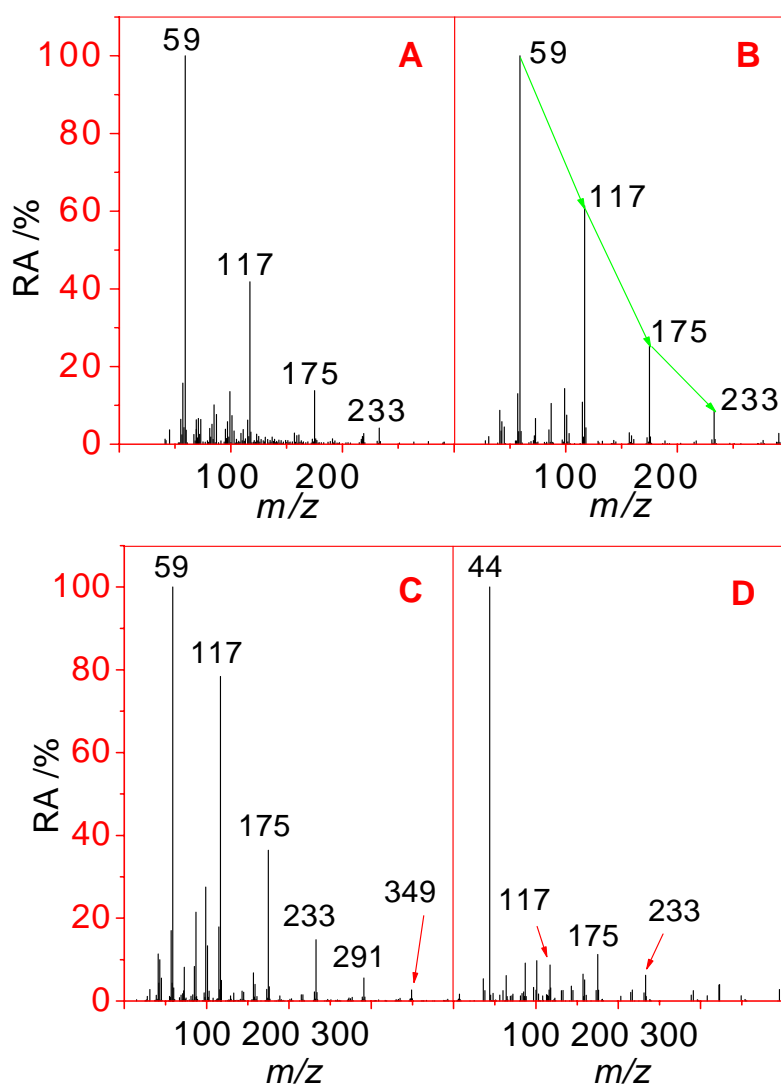
TG profiles of (a) free PEG and (b) Fe-PEG.



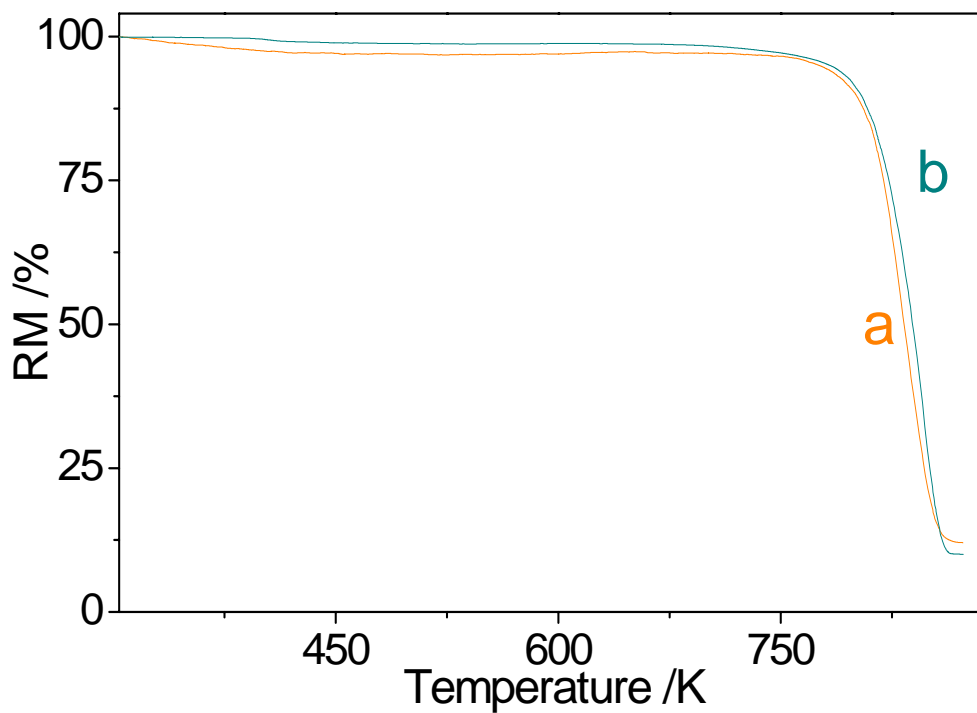
TIC curve of free PPG.



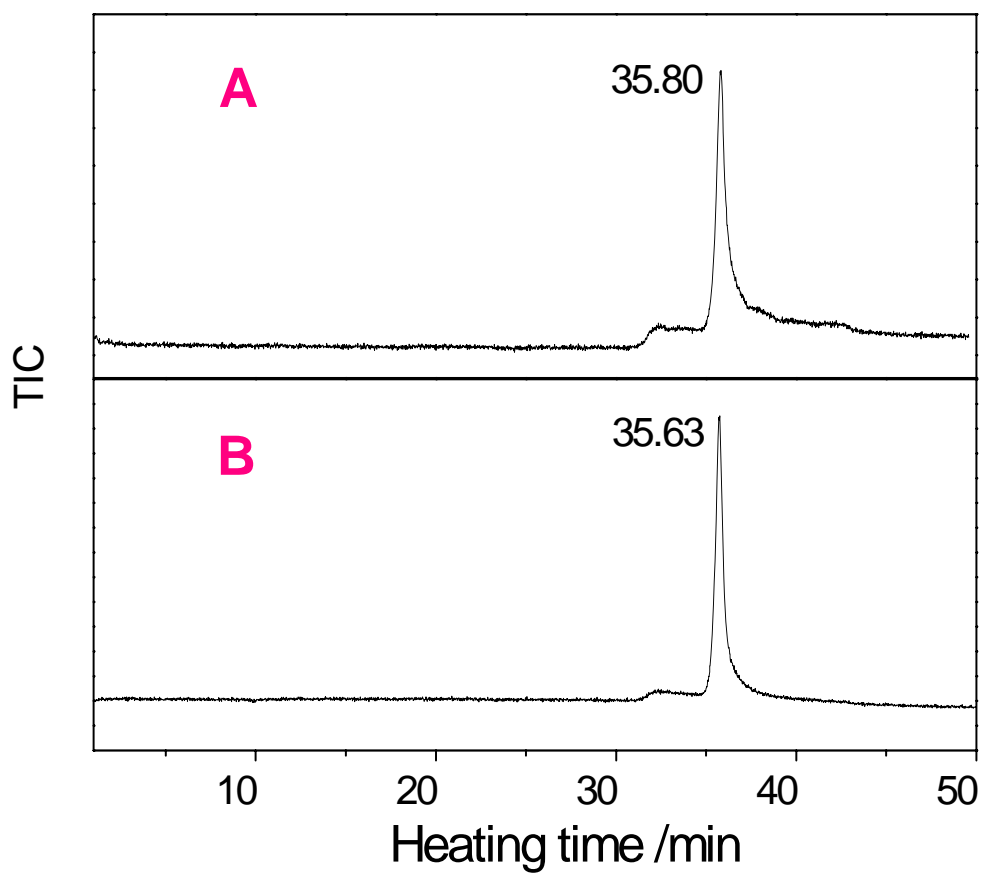
**Mass spectra of free PPG at (A) 10.25, (B) 17.40,
(C) 25.77 and (D) 31.74 min.**



TG profiles of (a) free PTFE and (b) Fe-PTFE.



TIC curves of (A) free PTFE and (B) Fe-PTFE.



Mass spectra of free PEG at (A) 32.1 and (B) 35.7 min.

