

Supporting Information

Polymer Wrapping-Induced Dispersion of Single Walled Carbon Nanotubes in Ethylene Glycol under Mild Sonication

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Table S1. Elemental composition of pristine and p(F7QD3)-adsorbed SWCNTs according to X-ray photoelectron spectra.

I.D.	C 1s (at %)	O 1s (at %)	N 1s (at %)	O/C ratio
Pristine SWCNTs	80.7	17.0	2.29	0.21
p(F7QD3)-adsorbed SWCNTs ^a	84.4	15.6	-	0.18

^ap(F7QD3)-adsorbed SWCNTs was obtained by filtering p(F7QD3) dispersed SWCNT suspension and then drying it in vacuum.

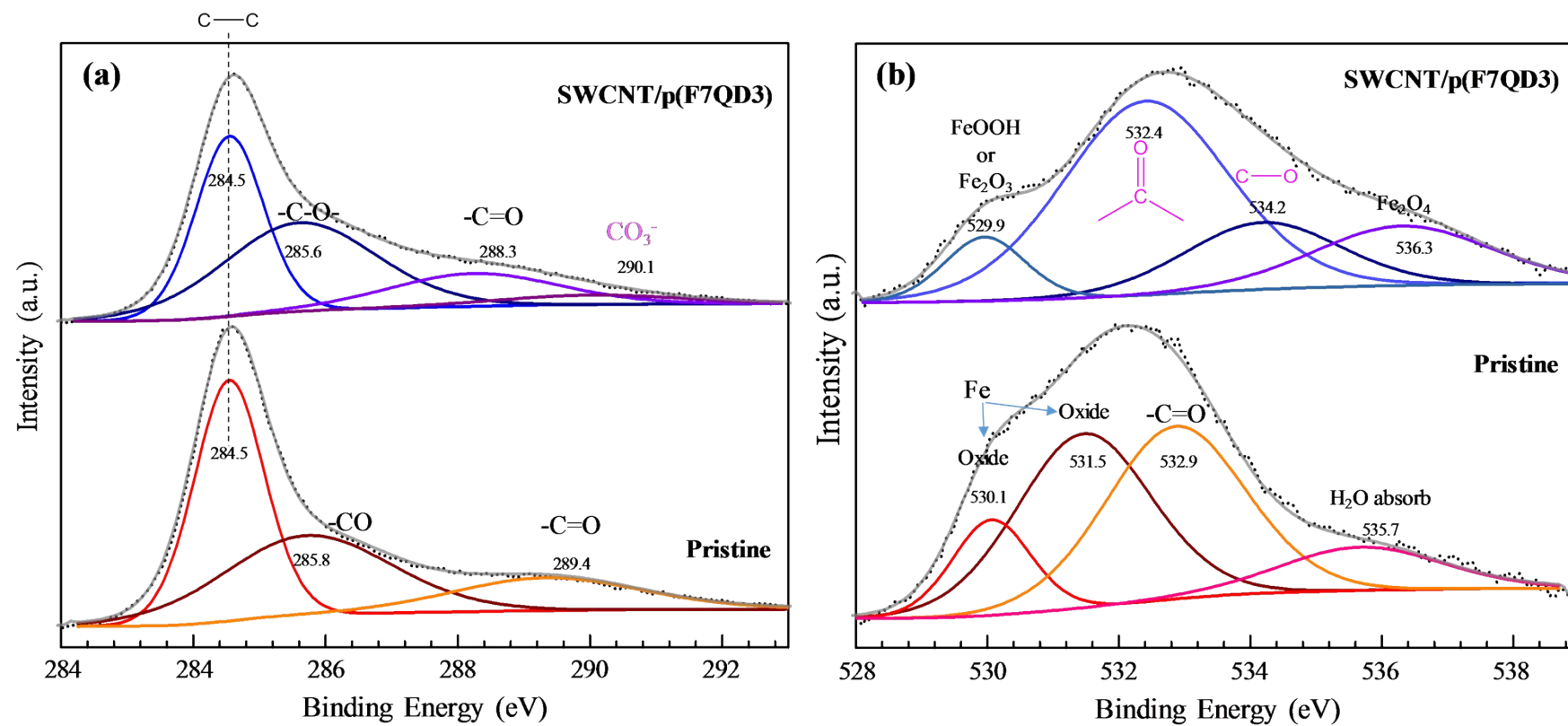


Figure S1. (a) C 1s and (b) O 1s X-ray photoelectron spectra of pristine and p(F7QD3)-adsorbed SWCNTs.

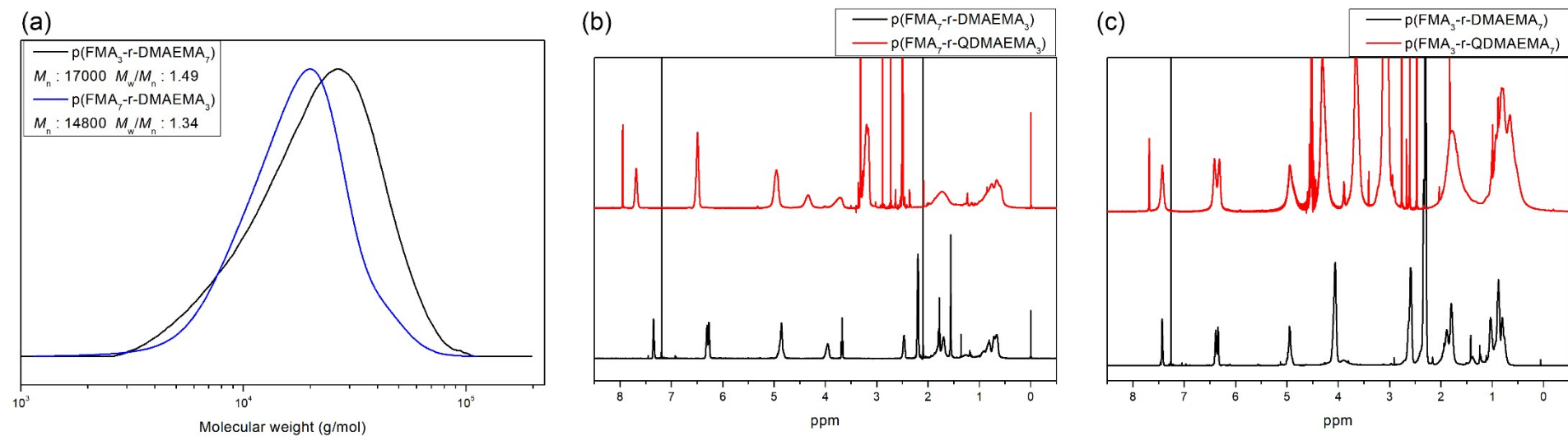


Figure S2. (a) GPC trace of the polymeric dispersants before the quaternization, NMR spectra of polymeric dispersants before and after quaternization for (b) $p(\text{F7QD3})$ and (c) $p(\text{F3QD7})$, respectively.