

Figure S1. TG traces obtained under air for PAN and the copolymers poly(AN-co-DEAMP) containing different amounts of phosphorus.

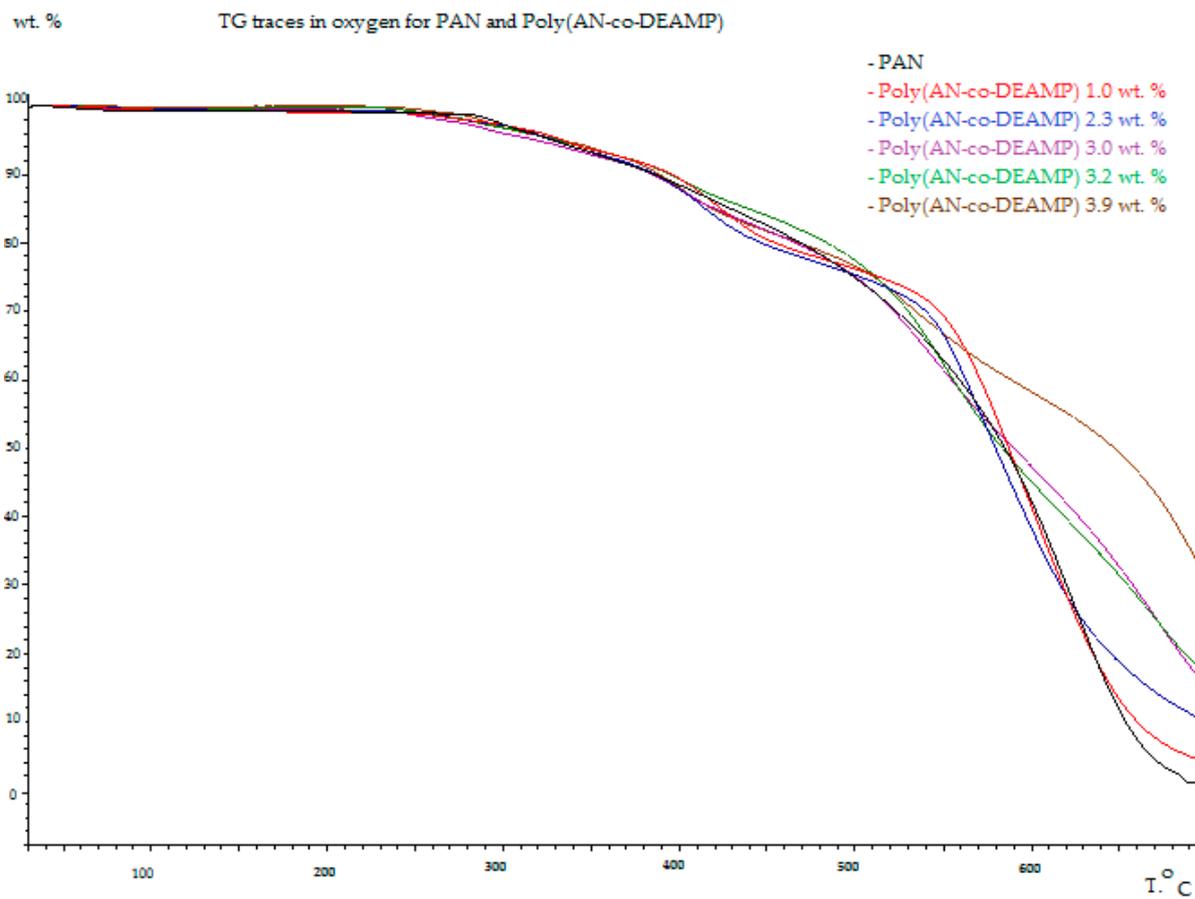


Figure S2. TG traces obtained under oxygen for PAN and the copolymers poly(AN-co-DEAMP) containing different amounts of phosphorus.

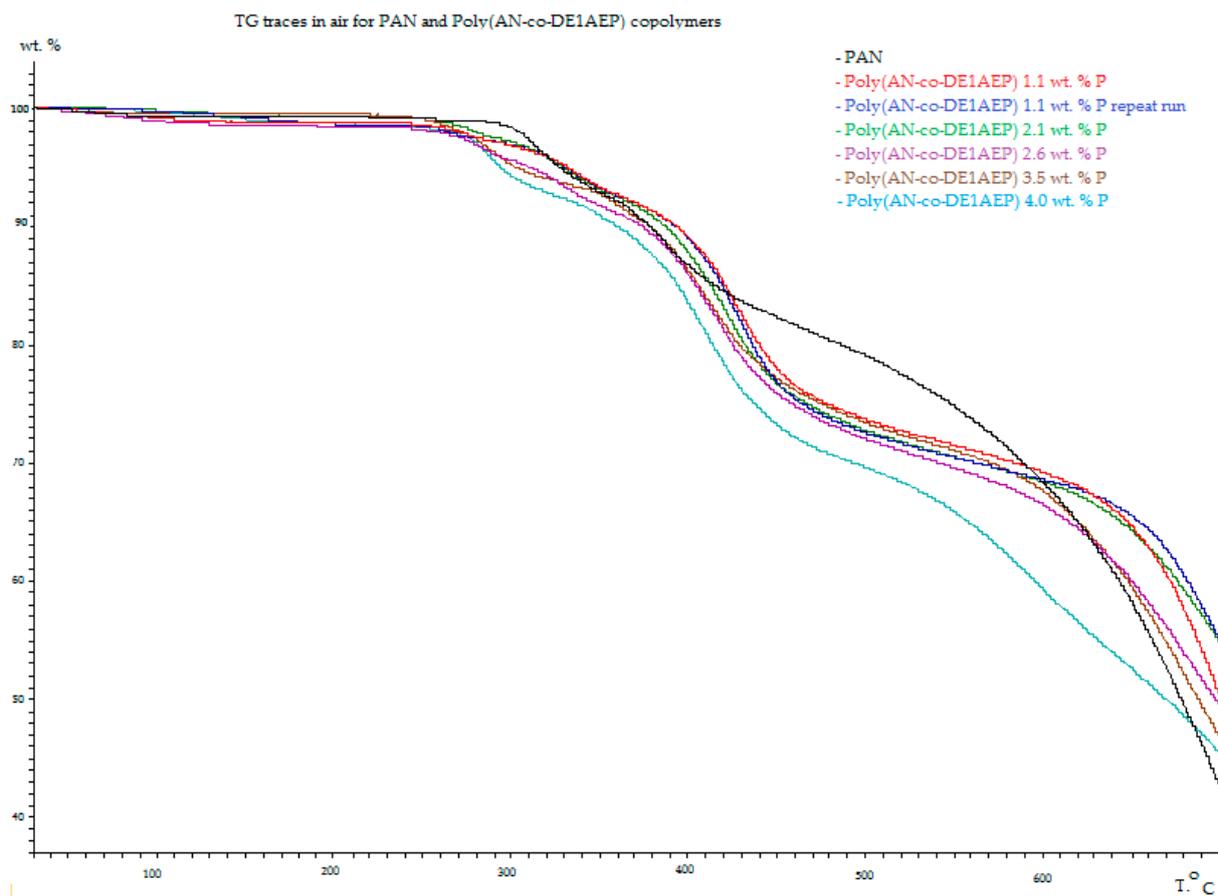


Figure S3. TG traces obtained under air for PAN and the copolymers poly(AN-co-DE1AEP) containing different amounts of phosphorus.

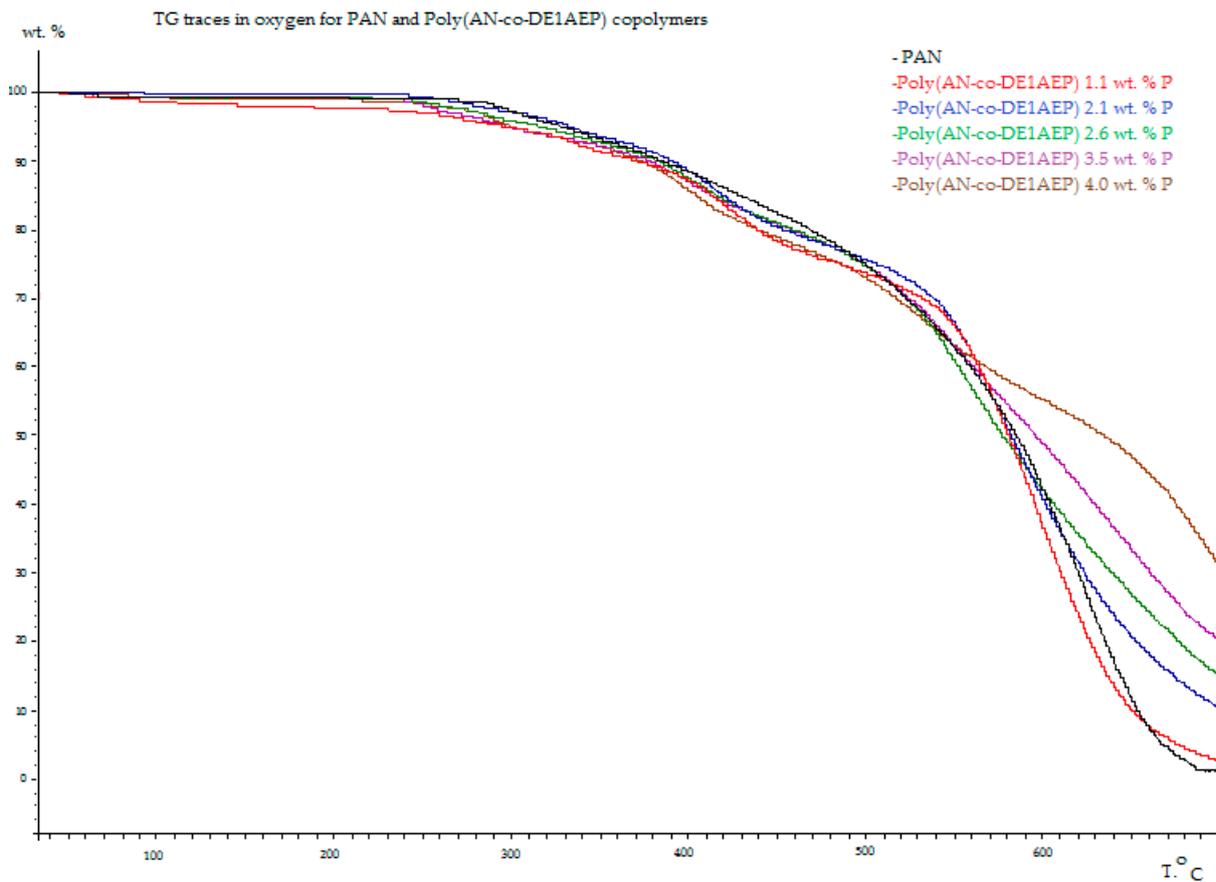


Figure S4. TG traces obtained under oxygen for PAN and the copolymers poly(AN-co-DE1AEP) containing different amounts of phosphorus.