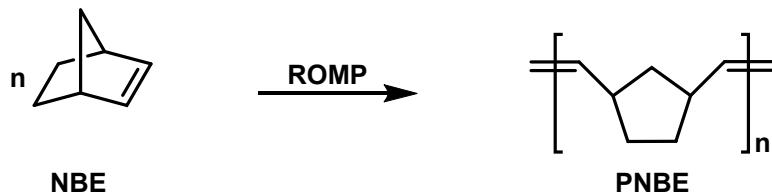
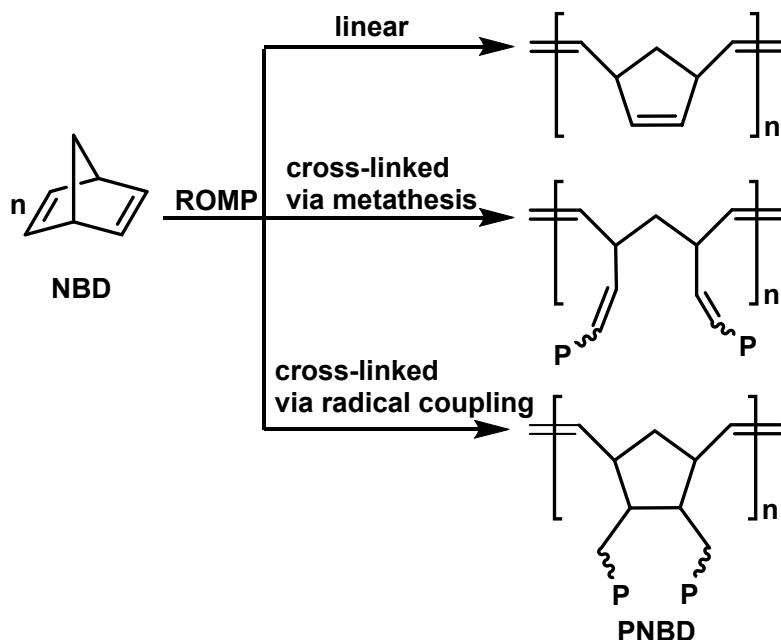


Supplementary Materials: Copolymerization of Norbornene and Norbornadiene Using a *Cis*-Selective Bimetallic W-Based Catalytic System. Opening a Route to Afford Star Polymers

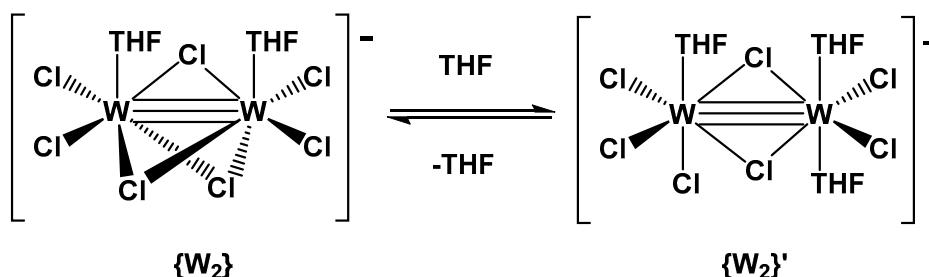
Grigorios Raptopoulos, Katerina Kyriakou, Gregor Mali, Alice Scarpellini, George C. Anyfantis, Thomas Mavromoustakos, Marinos Pitsikalis and Patrina Paraskevopoulou



Scheme S1. NBE homopolymerization *via* ROMP.



Scheme S2. NBD homopolymerization *via* ROMP.



Scheme S3. Schematic representation of the potential equilibrium between $\{W_2\}$ and $\{W_2'\}$.

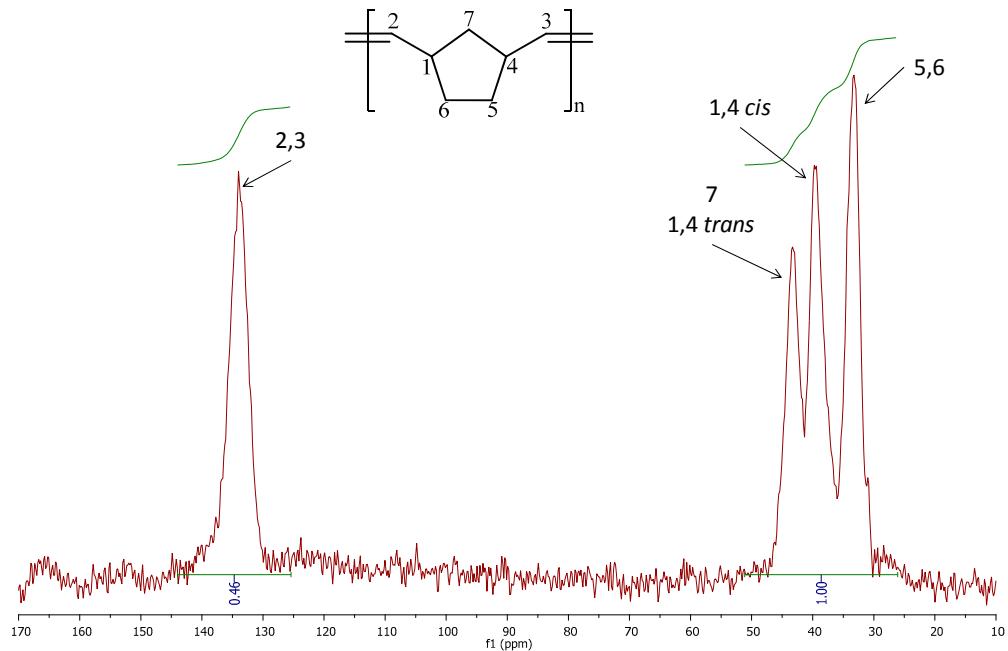


Figure S1. ^{13}C CPMAS NMR spectrum of PNBE homopolymer.

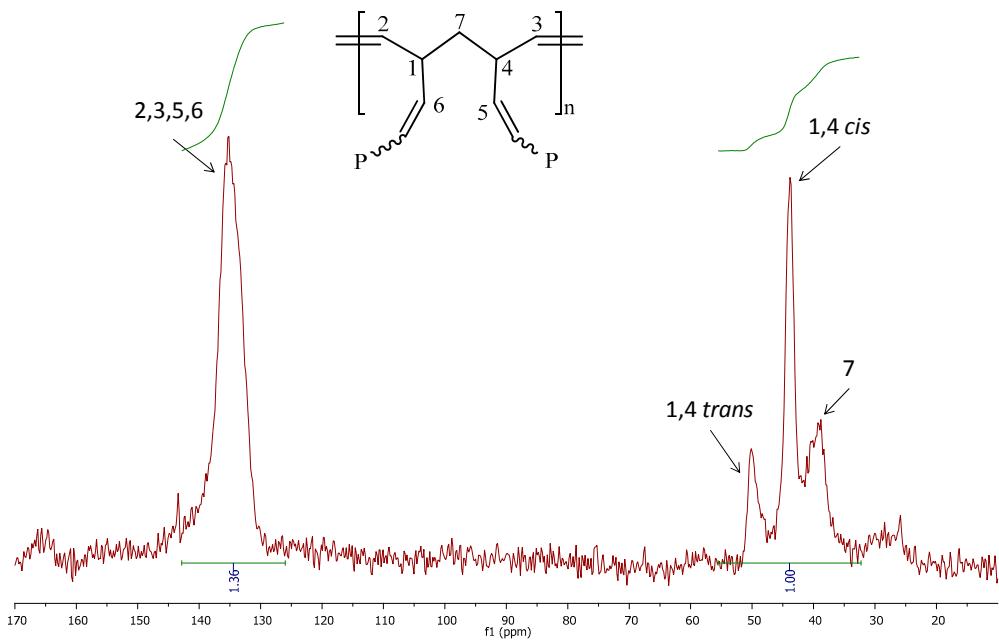


Figure S2. ^{13}C CPMAS NMR spectrum of PNBD homopolymer.

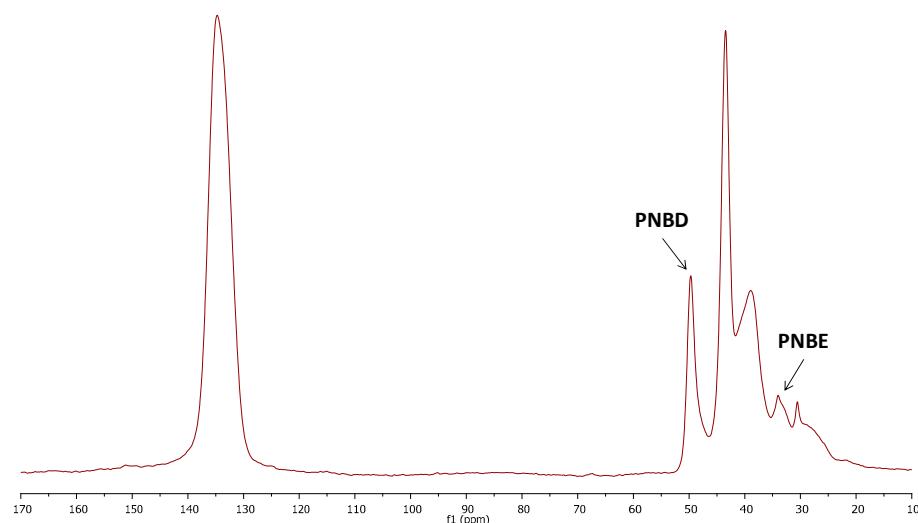


Figure S3. ¹³C CPMAS NMR spectrum of PNBE/PNBD 100/400 copolymer.

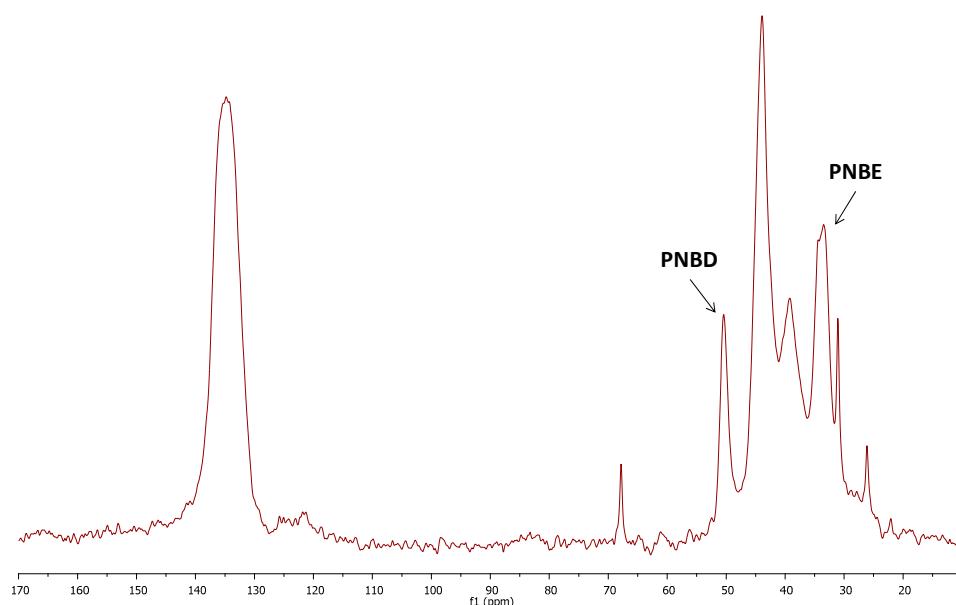


Figure S4. ¹³C CPMAS NMR spectrum of PNBE/PNBD 400/100 copolymer.

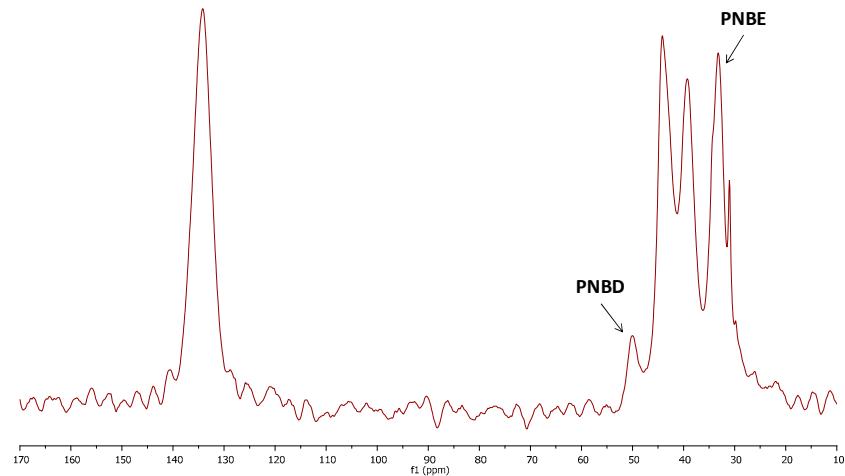


Figure S5. ¹³C CPMAS NMR spectrum of PNBE/PNBD 1100/300 copolymer.

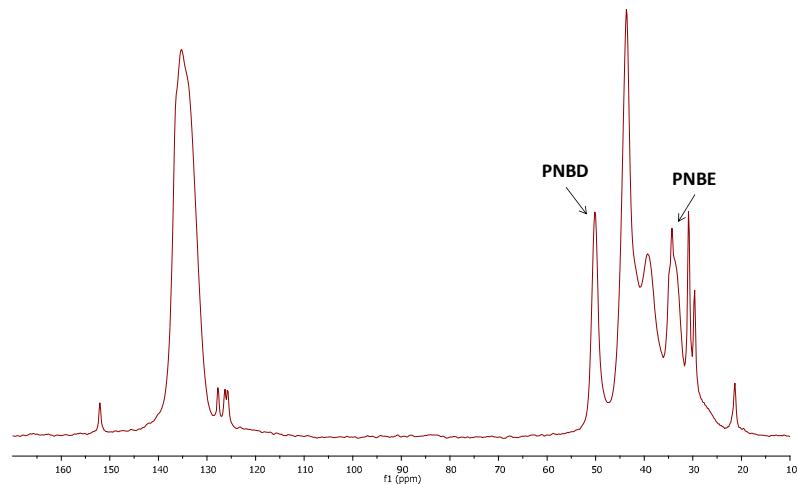


Figure S6. ¹³C CPMAS NMR spectrum of PNBE/PNBD 700/700 copolymer.

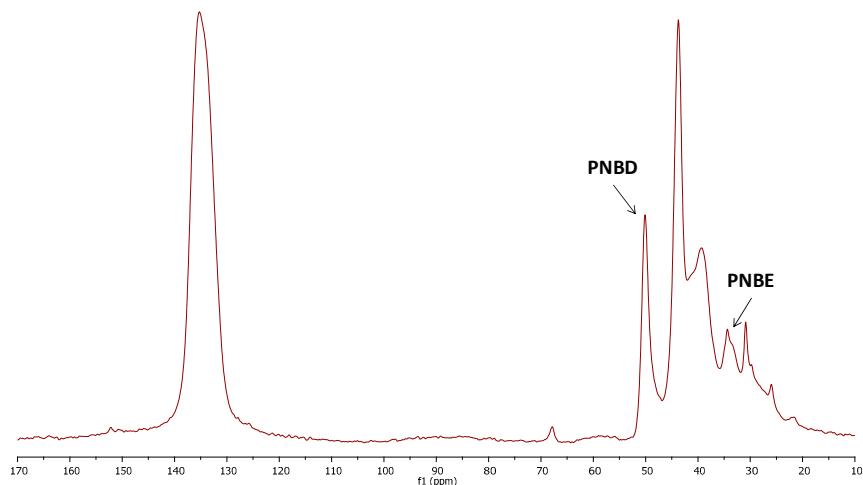


Figure S7. ¹³C CPMAS NMR spectrum of PNBE/PNBD 300/1100 copolymer.

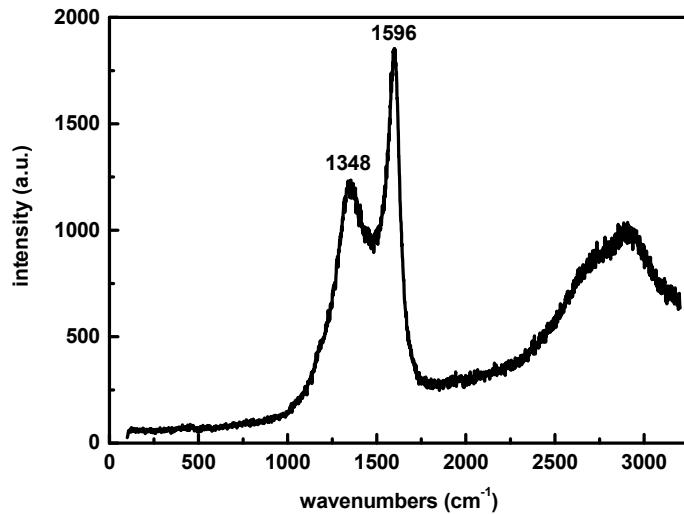


Figure S8. FT-Raman spectrum of the residue left after anaerobic heating up to 800 °C of PNBE/PNBD 100/400 copolymer.

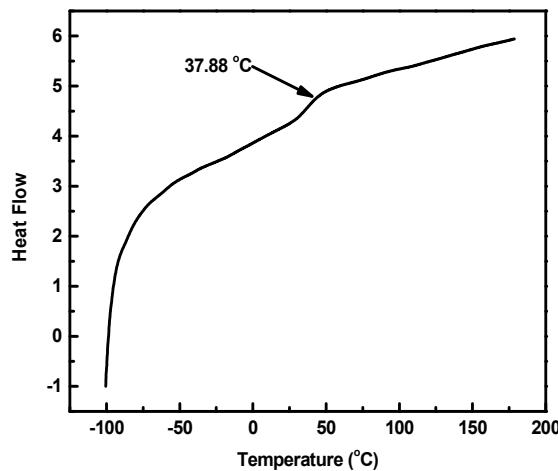


Figure S9. DSC thermograph of PNBE/PNBD 400/100 copolymer.

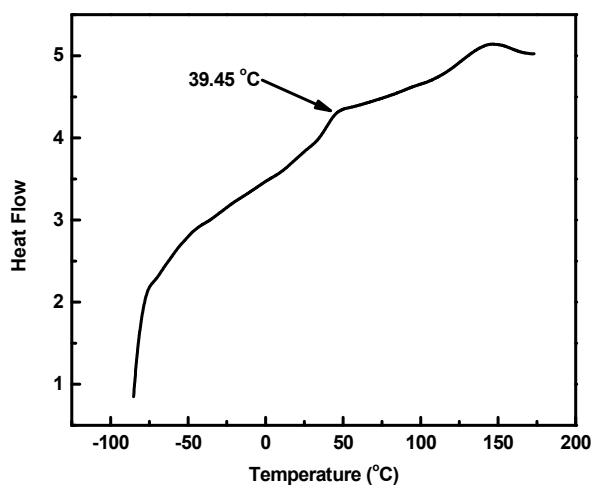


Figure S10. DSC thermograph of PNBE/PNBD 100/400 copolymer.

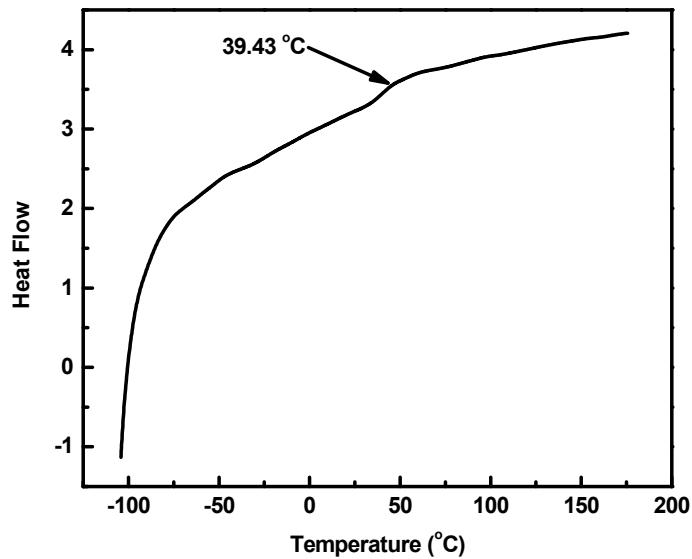


Figure S11. DSC thermograph of PNBE/PNBD 1100/300 copolymer.

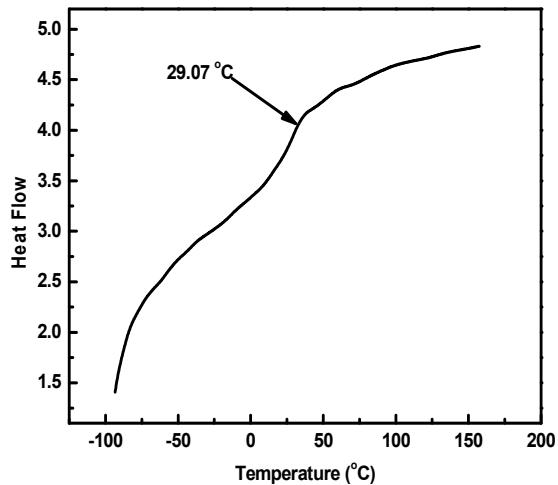


Figure S12. DSC thermograph of PNBE/PNBD 700/700 copolymer.

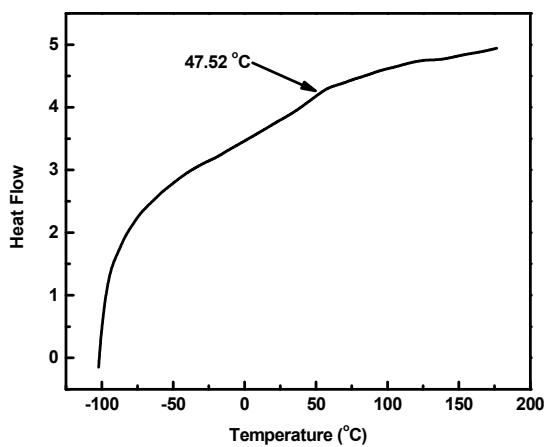


Figure S13. DSC thermograph of PNBE/PNBD 300/1100 copolymer.