¹ Ethylene Homopolymerization and Copolymerization with Functionalized 5-

Norbornen-2-yl Monomers by a Novel Nickel Catalyst System

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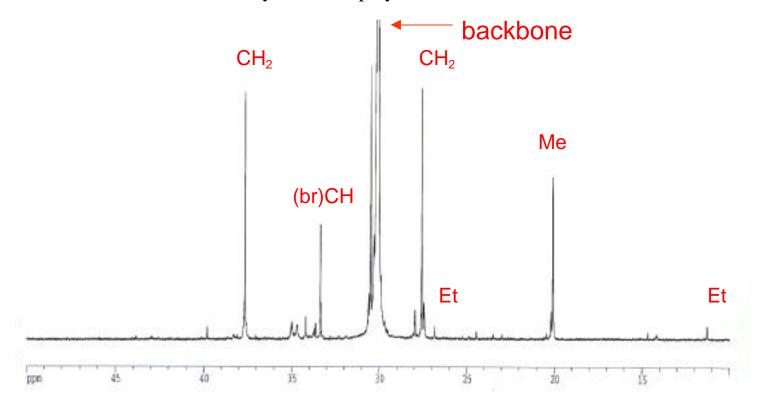
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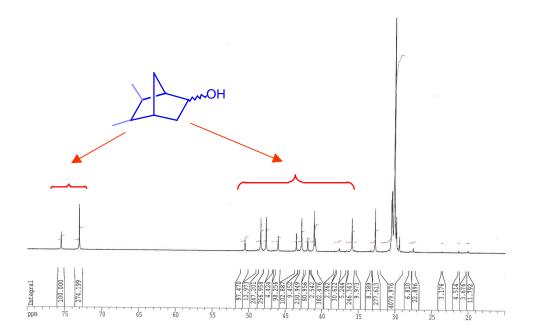
Supplementary Information

NMR spectra were obtained using a Varian Unity 500 MHz spectrometer. ¹H and ¹³C NMR spectra of the polymers were obtained in mixed solvent ($C_6D_6/1,2,4$ -trichlorobenzene 1:4 ratio in volume) at 115 °C.

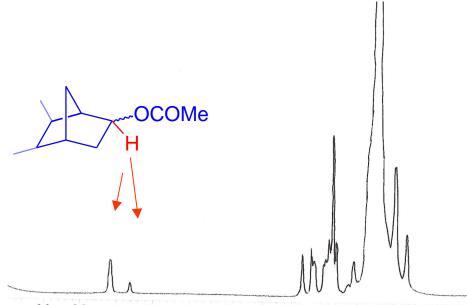
¹³C-NMR of an ethylene homopolymer.



 13 C -NMR of a copolymer of ethylene and 4.



 1 H -NMR of a copolymer of ethylene and **3**.



6.0 5.5 5.0 4.5 4.0 3.5 3.0 2.5 2.0 1.5 1.0 0.5 ppm