

Supporting Information

For

Imidazolidin-2-iminato Vanadium Complex for the Synthesis of Ethylene/Propylene/5-ethylidene-2-norbornene (ENB) Terpolymers with High ENB Incorporation and Ultra-high Molecular Weight

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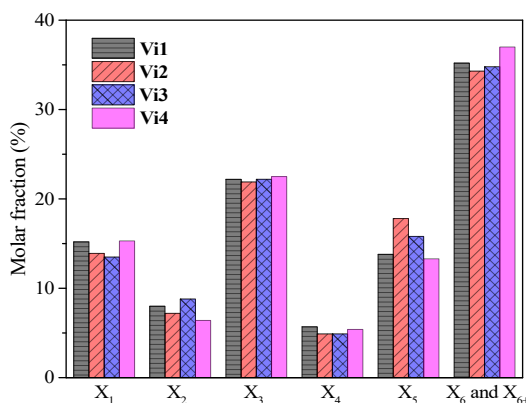


Fig. S1 Molar fraction of uninterrupted methyl sequences in the ethylene-propylene copolymers (Entries 4-7 in Table 1) prepared by using vanadium complexes **Vi1-Vi4** as precatalyst.

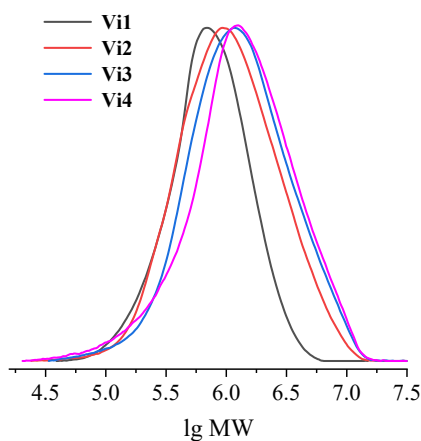


Fig. S2 GPC curves of the resulting ethylene-propylene copolymers (Entries 4-7 in Table 1) by

using vanadium(V) complexes **Vi1-Vi4** as precatalyst.

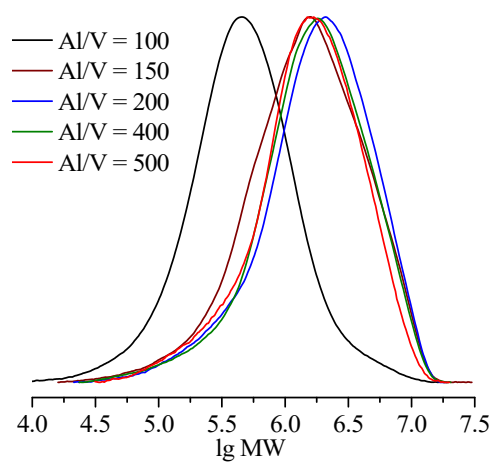


Fig. S3 GPC curves of the resulting ethylene-propylene copolymers (Entries 3, 8-11 in Table 1) with various Al/V molar ratios.