

Supplementary material

Activated carbon fibers as support for nickel diimine complexes and its application in ethylene oligomerization

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Table S1. Infrared spectra bands present at the ligand and complex.

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ν (cm ⁻¹)		
Ligand	Ni(NPhEt ₂) ₂	Functional Groups
3060 – 3030	3132	Axial stretching of aromatics C-H bonds
2965-2870	2961-2840	Axial stretching ethyl C-H bonds
1618	1649	Symmetrical angular deformation of C=N
1542	1555	Symmetrical angular deformation of N-H