Electronic Supporting Information (ESI)

Striking influence of NiO catalyst diameter on the carbonization of polypropylene into carbon nanomaterials and their high performance in the adsorption of oils

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Fig. S1 The diameter distribution of NiO catalysts according to TEM images (Fig. 3).
Fig. S2 Effect of the diameter of NiO catalyst on the length distribution of CNMs.
**Fig. S3** Effect of the diameter of NiO catalyst on the diameter distribution of CNMs.

**Fig. S4** Pore size distributions of CNM-18, CNM-40 and CNM-227.
Fig. S5 Pore size distributions of CNM-40 before and after the sixth cycle.