Electronic Supporting Information for *New Journal of Chemistry*

Synthesis and Characterization of Functional Porous Organic Polymers as

Efficient Metallocene Catalyst Support

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Table S1.

Particle size Distribution data of P(HEMA-co-DVB) particles.

Sample [Δa]	Dv(10) [μm]	Dv(50) [μm]	Dv(90) [μm]	Mode [Δb] [μm]	Span [Δc]
S2	8.82	52.2	149	100	2.69
S4	14.5	53.1	128	58.1	2.14
S8	15.7	65.2	150	89.3	2.06
S17	23.6	87.4	167	113	1.64
S18	14.4	44.9	104	55.1	2.00
S19	9.21	44.2	94.2	61.1	1.92
S21	20.9	91.1	174	115	1.68
S15 *[d]	17.6	141	227	154	1.49

[Δa] Samples were detected in ethanol medium after particles were dispersed and agitated in ethanol solvents for 1h.

[Δb] Mode represents the peak of the particle size distribution; [Δc] Span=[Dv(90)-Dv(10)]/Dv(50). *[d] Samples were

sieved through 50 mesh sieve to remove chunks above 300μm before detected.
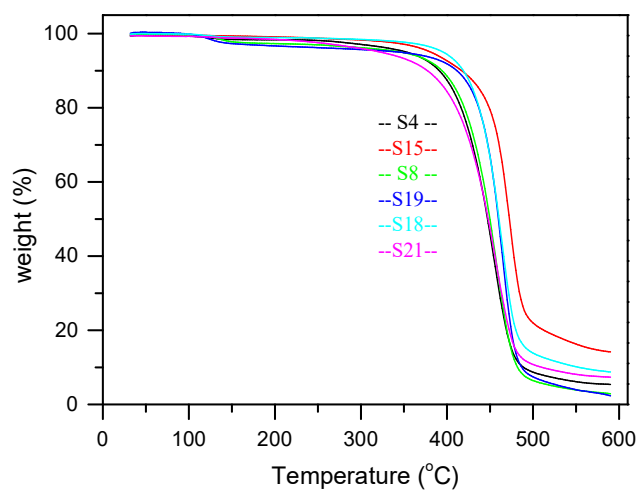
Fig. S1. TGA curves of different P(HEMA-co-DVB) samples.

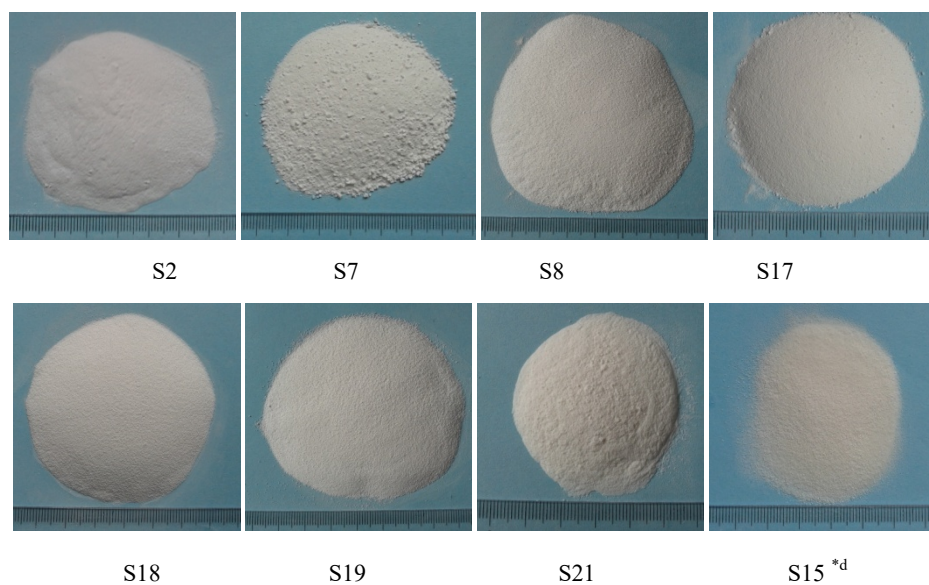Fig. S2. Digital camera photos of P(DVB-co-HEMA) particles.

| S2 | S7 | S8 | S17 |

| S18 | S19 | S21 | S15 [*d] |

Fig. S3. DFT pore size distribution curves of dS(d) vs. d and dV(d) vs. d of S4 sample.