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Table S1: Low relative pressure data for nitrogen adsorption isotherms. Volume adsorbed measured in cm^3/g-STP.

MM-LA-35		SBA-15-35		MM-LA-35-H18		MM-LA-35-H6	
p/p_o	Vol. Ads.	p/p_o	Vol. Ads.	p/p_o	Vol. Ads.	p/p_o	Vol. Ads.
1.22E-06	0.158	6.91E-07	0.1678	6.15E-07	0.1041	7.22E-07	0.1019
1.52E-06	0.3162	1.21E-06	4.364	1.20E-06	2.3997	1.21E-06	4.6316
2.35E-06	3.5298	2.70E-06	9.596	2.42E-06	9.0852	2.53E-06	8.8155
4.02E-06	11.2044	4.02E-06	11.7766	4.41E-06	13.1877	4.01E-06	12.2572
6.54E-06	15.9289	6.48E-06	15.0488	6.47E-06	16.6093	6.56E-06	15.5834
9.82E-06	21.8518	9.73E-06	17.9311	1.00E-05	19.8592	9.74E-06	18.8883
1.56E-05	26.2968	1.43E-05	21.013	1.44E-05	22.887	1.44E-05	22.2086
2.04E-05	29.3768	2.01E-05	23.7816	2.02E-05	25.836	2.01E-05	25.4631
2.76E-05	32.551	2.77E-05	26.5169	2.77E-05	28.8022	2.77E-05	28.6504
3.72E-05	35.9911	3.74E-05	29.1082	3.73E-05	31.7236	3.72E-05	31.7392
4.91E-05	39.061	4.95E-05	31.5831	4.90E-05	34.5223	4.94E-05	34.8517
6.42E-05	42.1465	6.39E-05	33.8854	6.41E-05	37.3572	6.38E-05	37.7797
8.24E-05	45.0638	8.22E-05	36.1718	8.24E-05	40.0993	8.26E-05	40.8185
1.06E-04	48.0848	1.06E-04	38.5568	1.07E-04	43.0045	1.07E-04	43.9433
1.35E-04	50.9403	1.35E-04	40.8063	1.34E-04	45.6556	1.34E-04	46.8151
1.71E-04	53.8746	1.70E-04	43.0421	1.70E-04	48.5	1.70E-04	49.8951
2.13E-04	56.5949	2.13E-04	45.2526	2.14E-04	51.3088	2.14E-04	52.9415
2.65E-04	59.4097	2.63E-04	47.3693	2.61E-04	53.85	2.62E-04	55.6946
3.23E-04	61.9569	3.25E-04	49.5182	3.23E-04	56.607	3.25E-04	58.7002
3.97E-04	64.6778	3.94E-04	51.4834	3.94E-04	59.2349	4.00E-04	61.669
4.77E-04	67.1626	4.77E-04	53.4862	4.78E-04	61.8834	4.78E-04	64.3231
5.80E-04	69.8413	5.87E-04	55.6874	5.81E-04	64.5674	5.81E-04	67.2419
7.02E-04	72.4743	6.92E-04	57.474	7.04E-04	67.2787	7.03E-04	70.1487
8.19E-04	74.6398	8.28E-04	59.434	8.21E-04	69.5063	8.23E-04	72.6233
9.73E-04	77.1027	9.88E-04	61.3837	9.78E-04	72.0798	9.76E-04	75.3287
1.15E-03	79.583	1.13E-03	62.8813	1.13E-03	74.1794	1.15E-03	78.0338
1.36E-03	82.0595	1.32E-03	64.6697	1.31E-03	76.5424	1.32E-03	80.2986
1.54E-03	83.8771	1.55E-03	66.5013	1.54E-03	78.9779	1.53E-03	82.7924
1.76E-03	85.945	1.80E-03	68.2579	1.78E-03	81.27	1.78E-03	85.2787
2.03E-03	88.1572	2.08E-03	69.9561	1.98E-03	83.0099	2.05E-03	87.7478
2.34E-03	90.3564	2.27E-03	70.9843	2.25E-03	85.0278	2.27E-03	89.5841
2.66E-03	92.3537	2.53E-03	72.2941	2.56E-03	87.11	2.56E-03	91.6812
2.90E-03	93.6961	3.04E-03	74.5027	2.93E-03	89.3246	2.91E-03	94.0427
3.44E-03	96.4057	3.35E-03	75.6852	3.34E-03	91.5453	3.32E-03	96.4343
3.74E-03	97.753	3.76E-03	77.0807	3.79E-03	93.6873	3.77E-03	98.7181
4.16E-03	99.4546	4.23E-03	78.5557	4.08E-03	94.9325	4.24E-03	100.913
4.59E-03	101.0871	4.74E-03	79.9713	4.66E-03	97.2097	4.75E-03	103.0319
5.03E-03	102.5798	5.23E-03	81.1926	5.24E-03	99.2624	5.02E-03	104.0793
5.79E-03	104.9498	5.75E-03	82.3927	5.53E-03	100.2027	5.54E-03	105.9806
6.20E-03	106.0929	6.26E-03	83.4746	6.08E-03	101.883	6.04E-03	107.6793
7.20E-03	108.4371	7.20E-03	85.0977	6.87E-03	104.009	6.87E-03	109.8624
7.53E-03	109.2727	7.57E-03	85.7543	7.53E-03	105.7333	7.42E-03	111.5413
8.57E-03	111.6623	8.55E-03	87.3245	8.36E-03	107.6591	8.29E-03	113.7241
9.26E-03	113.0544	9.27E-03	88.3925	9.21E-03	109.4695	9.12E-03	115.6398
1.00E-02	114.5066	1.01E-02	89.5102	1.01E-02	111.1506	1.00E-02	117.5246

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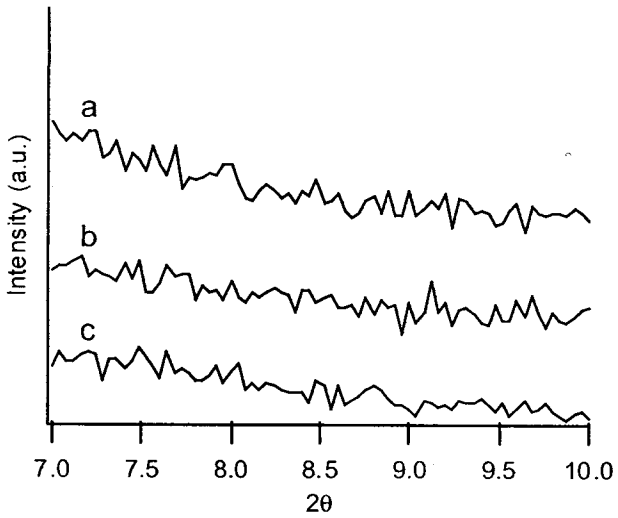

Figure S1: Powder X-ray diffraction patterns of a) MM-LA-35, b) SBA-15-35, and c) MPS-9

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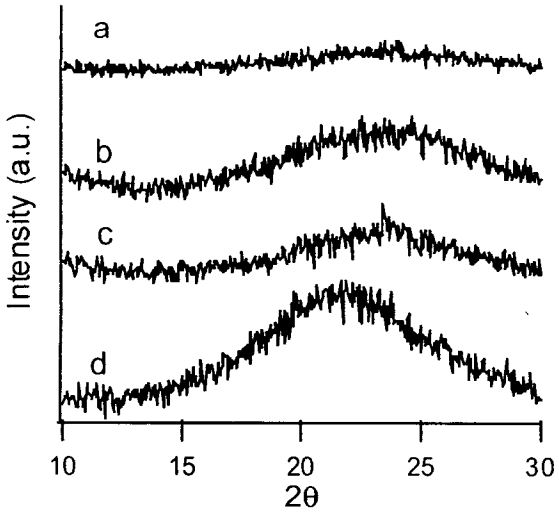

Figure S2: High-angle XRD data of a) MM-LA-35, b) MM-LA-35-H6, c) MM-LA-35-H18, and d) Cabosil.

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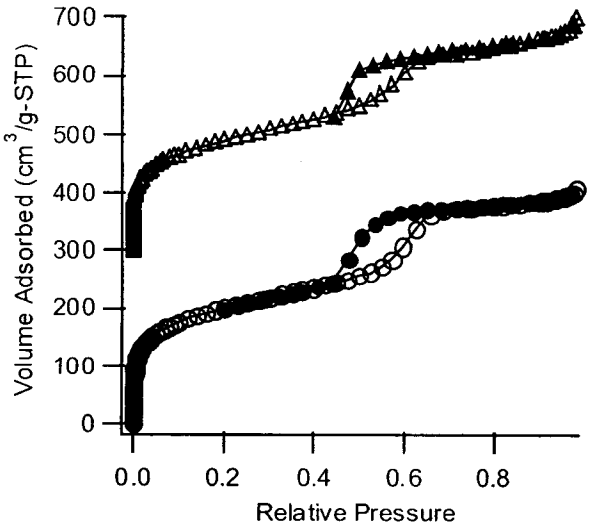

Figure S3: Nitrogen adsorption isotherms for (bottom) MM-LA-35-H6 and (top) MM-LA-35-H18 (offset by 300 cm^3/g-STP). Closed and open symbols correspond to the adsorption and desorption branches respectively.

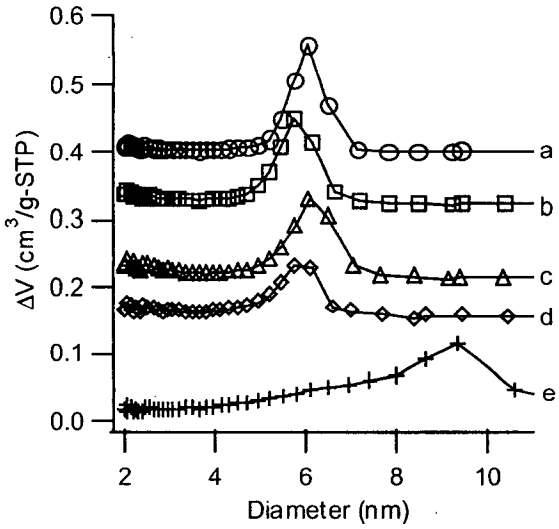

Figure S4: Mesopore size distributions of a) MM-LA-35, b) SBA-15-35, c) MM-LA-35-H6, d) MM-LA-35-H18, and e) MPS-9.