

	Statistical co					
	Porosity (%)				Number	
coal sample	Macropore	Mesopore	Small pore	Micropores	Macropore	Mesopore
6#coal sample	3.2	2.15	0.67	0.22	30	221
2#coal sample	2.8	1.9	0.72	0.17	32	238
4#coal sample	2.1	1.45	0.85	0.29	15	222
3#coal sample	2.5	1.27	0.45	0.25	12	120
8#coal sample	1.8	1.42	0.67	1.41	14	205

	PCAS shape factor		
	Macropore	Mesopore	Small pore
6#coal sample	4.1	3.85693	2.19884
2#coal sample	4.3	3.55381	2.7987
4#coal sample	3.95774	3.87891	2.705
3#coal sample	3.9	3.50013	2.48464
8#coal sample	3.8	3.47471	2.47522

Projects and unMetamorphic coa	
Average volatil	14.16
Specific surface	6.04
Micropore pore	1.88

mparison of PCAS of coal samples with different grades of pores

of pores		Total pore Length				Fractal	
Small pore	Micropores	Macropore	Mesopore	Small pore	Micropores	Macropore	Mesopore
152	41	7. 88E+07	7. 40E+08	2. 13E+08	5. 19E+08	1. 1215	1. 1999
127	31	8. 90E+07	6. 28E+08	1. 77E+08	4. 02E+08	1. 209	1. 2616
157	52	6. 36E+07	4. 97E+08	2. 15E+08	6. 45E+08	1. 1066	1. 2633
110	44	6. 36E+07	3. 71E+08	1. 22E+08	5. 64E+08	1. 1447	1. 2091
120	250	4. 72E+07	5. 94E+08	1. 67E+08	3. 16E+09	1. 1178	1. 2225

Normal coal
37.63
15.6
5.72

dimension	
Small pore	Micropores
1. 1999	1. 1738
1. 1626	1. 1626
1. 2633	1. 2098
1. 2091	1. 1139
1. 2225	1. 2582