

# RANK PARAMETERS

**Dry, mineral-matter-free basis**

**Dry, ash-free basis**

KIGAM Sample	Mine Name	Coal Field	FC %	VM %	App Rank (ASTM)		VM %	App Rank (DIN)	
1	Jang Seong	Samcheog	97.85	2.15	an		3.56	ma	
2	Doe Gae	Samcheog	97.83	2.17	an		7.65	an	
3	Kyung Dong	Samcheog	97.88	2.12	an		5.21	an	
4	Han Bo	Samcheog	98.94	1.06	ma		6.08	an	
5	Tae Back	Samcheog	97.61	2.39	an		3.88	ma	
6	Sam Tan	Samcheog	98.10	1.90	ma		3.69	ma	
7	Dong Won	Samcheog	97.16	2.84	an		3.84	ma	
8	Young Wol	Youngwol	95.65	4.35	an		5.19	an	
9	Ma Ro	Boeoun	98.78	1.22	ma		2.92	ma	
10	Tae Meag	Munkyeong	98.97	1.03	ma		3.98	ma	
11	Hwa Sun	Honam	98.01	1.99	ma		3.66	ma	

Table 2. Classification of Korean coals by apparent rank using American Society of Testing Materials (ASTM D388) and Deutsches Institut fur Normung (DIN) standards. FC = fixed carbon; VM = volatile matter; an = anthracite; ma = meta-anthracite.