

Coal Types and Peat			Total Water Content (%)	Energy Content af* (kJ/kg)	Volatiles maf** (%)	Vitrinite Reflection in oil (%)
UN-ECE	USA (ASTM)	Germany (DIN)				
Peat	Peat	Torf	75	6,700		
Ortho-Lignite	Lignite	WEICHBRAUNKOHLÉ				
Meta-Lignite	Sub-bituminous Coal	Mattbraunkohle	35	16,500		0.3
Subbitum. Coal		Glanzbraunkohle	25	19,000		0.45
Bituminous Coal	High Volatile Bituminous Coal	Flammkohle	10	25,000	45	0.65
		Gasflammkohle			40	0.75
		Gaskohle			35	1.0
		Fettkohle			28	1.2
	Medium Vol. Bitumin. Coal			Kokskohle	19	1.6
	Low Vol. Bitumin. Coal	Eßkohle			14	1.9
Anthracite	Semi-Anthracite	Magerkohle	3	36,000	10	2.2
	Anthracite	Anthrazit				

af * = ash-free maf ** =moisture ash-free

UN-ECE: Ortho-Lignite up to 15,000 kJ/kg, Meta-Lignite up to 20,000 kJ/kg, Subbituminous Coal up to 24,000 kJ/kg, Bituminous Coal up to 2 % average Vitrinite Reflection
 USA: Lignite up to 19,300 kJ/kg