

**K Investments Sp. z o.o. Sp. k.**  
 Kupiecka 93/3  
 65-001 Zielona Góra  
 NIP: 9731010199

## COKE – CERTIFICATE OF QUALITY

Parameter	Method	Value	Unit
Calorific value $Q_f^r$ (min)	ISO 1928 PN-81/G-04513	29000	kJ/kg
Total moisture $W_t^r$ (max)	ISO 579 PN-80/G-04511	3,0	%
Ash $A^d$ (max)	ISO 1171 PN-80/G-04512	11,0	%
Volatile matter $V^{daf}$ (max)	ISO 562 PN-G-04516:1998	0,70	%
Sulphur $S_t^d$ (max)	ISO 351 PN-G-04584:2001	0,60	%
Carbon fix $C_{fix}^d$	PN-G-04516:1998	89,0	%
Phosphorus (max) $P^a$	PN-85/C-04300		%
Undersize grain (max)	PN-84/C-04310	9,0	%
Oversize grain (max)	PN-84/C-04310	6,0	%
Strenght M40 (min)	PN-C-04305:1998	86,0	%
Abrasion M10 (max)	PN-C-04305:1998	8,0	%
Strenght M80 (min)	PN-C-04305:1998		%
Sampling and preparation	ISO 18283 PN-C-06301:1998		
CO <sub>2</sub> - Emission		82,0	MgCO <sub>2</sub>
Grade	Foundry coke		
Granulation	Sieve analysis	+150	mm