

Anthracite Coal Product Datasheet

Item numbers: 70-001 - 70-009

grades ASH, ASSH, AM, AO

Attribute	Unit	Typical range As Received			
		0-6 grade ASH	0-13 grade ASSH	13-25 grade AM	25-70 grade AO
Item number		70-001	70-002	70-003	70-004
Moisture	%	9,0 – 10,5	6,0 – 7,0	4,0 – 5,0	4,0 – 4,5
Ash	%	12 – 14	6,5 – 7,5	4,2 – 4,7	3,6 – 4,1
Volatile matter	%	1,7 – 2,7	1,5 – 2,5	1,4 – 2,4	1,4 – 2,4
Total sulphur	%	0,6 – 0,9	0,6 – 0,9	0,7 – 0,9	0,7 – 0,9
Fixed carbon	%	69,8 – 73,3	83,0 – 86,0	87,9 – 89,9	89,0 – 91,0
Net calorific value	kcal/kg	5900 – 6100	6820 – 6920	7200 – 7300	7300 – 7400
	MJ/kg	24,70 – 25,54	28,55 – 28,97	30,14 – 30,56	30,56 – 30,98

grades ASH, AS, AM, AO, AK

Attribute	Unit	Typical range As Received				
		0,5-6 grade ASH	6-13 grade AS	13-25 grade AM	25-70 grade AO	70-150 grade AK
Item number		70-005	70-006	70-007	70-008	70-009
Moisture	%	7,93	4,66	4,5 – 5,0	4,0 – 4,5	4,0 – 4,5
Ash	%	3,85 - 4,0	3,85 - 4,0	4,1 – 4,7	3,6 – 4,1	3,6 – 4,1
Volatile matter	%	2 - 3	2 - 3	2 - 3	2 - 3	2 - 3
Total sulphur	%	0,7 - 0,8	0,7 - 0,8	0,7 – 0,8	0,7 – 0,8	0,7 – 0,8
Fixed carbon	%	-	-	87,9 – 89,9	89,0 – 91,0	89,0 – 91,0
Net calorific value	kcal/kg	6950	7100 - 7309	7200 – 7300	7300 – 7400	7300 – 7400
	MJ/kg	29	30,6	30,14 – 30,56	30,56 – 30,98	30,56 – 30,98