

## Coal Technical Data Sheet

Item No.	Parameters	Coal Specification				
		Low VM	Med VM	High VM	PCI coal	Anthracite
1	<b>Total Moisture</b> (As Received Basis)	9-10%	10-11%	12-14%	8-9%	9-10%
2	<b>Inherent Moisture</b> (Air-Dried Basis)	3-5%	4-6%	5-7%	3-6%	3-5%
3	<b>Ash Content</b> (Air-Dried Basis)	16-18%	15-17%	10-16%	8-10%	7-10%
4	<b>Volatile Matter</b> (Air-Dried Basis)	11-14%	22-28%	39-41%	11-12%	3-5% and 7-9%
5	<b>Sulphur Content</b> (Air-Dried Basis)	0.5% max	0.7% max	0.6% max	0.5% max	0.5 -1.0% max
6	<b>Net Calorific Value</b> (As Received Basis)	5800 - 6000 (kcal/kg)	5800 - 6400 (kcal/kg)	5200 - 5500 (kcal/kg)	6600 - 6900 (kcal/kg)	6000 - 7000 (kcal/kg)
7	<b>Gross Calorific Value</b> (Gross as Received)	6300 - 6600 (kcal/kg)	6300 - 6700 (kcal/kg)	6000 - 6300 (kcal/kg)	7000 - 7300 (kcal/kg)	6400 - 7500 (kcal/kg)
8	<b>Hardgrove Grindability Index (HGI)</b>	50-75	50-65	55-70	50-70	40-55
9	<b>Nominal Size</b>	0 - 50mm 0 - 200mm 25 - 70 mm 50 - 200 mm	0 - 50mm 13 - 70 mm 50 - 200 mm	0 - 50mm 0 - 200 mm 13 - 50 mm 50 - 200 mm	0 - 25 mm	0 - 13mm 6 - 13 mm 13 - 25 mm 25 - 70 mm 0 - 150 mm 70 - 150 mm
10	<b>Origin</b>	Russia	Russia	Russia	Russia	Russia