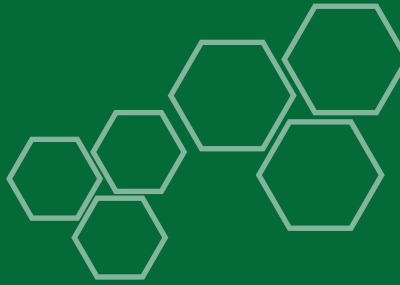


ATLAS 4200



INFORMATION



Product : ATLAS 4200

Mine : PT Gorby Putra Utama

Location : Kabupaten Musi Rawas,
South Sumatera
Indonesia

Anchorage : Tanjung Api-Api

SPECIFICATIONS

	Unit	Typical	Guaranteed
Total Moisture (as received basis)	% WT	37.0	40.0 max
Inherent Moisture (air dried basis)	% WT	14.5	
Volatile Matter (air dried basis)	% WT	40.0	
Ash (air dried basis)	% WT	6.5	10.0 max
Total Sulphur (air dried basis)	% WT	0.5	0.8 max
Grindability (HGI)	% WT	58	
Ash Fusion Temperature IDT (reducing temperature)	°C	1,150	
Gross Calorific Value (air dried basis)	kcal/kg	5,300	
Gross Calorific Value (as received basis)	kcal/kg	4,000	3,800 min
Nett Calorific Value (as received basis)	kcal/kg	3,700	
Size :0-50 mm	% WT		

DISCLAIMER

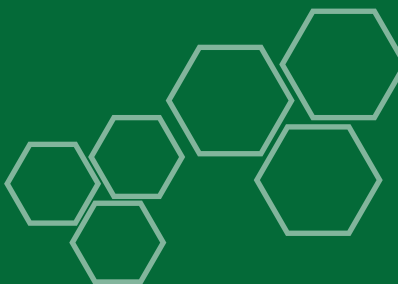
The specifications stated above are indicative only. If there is interest in this coal product, please contact us for an up-to-date specifications sheet, as well as availability.

PT ATLAS RESOURCES Tbk.

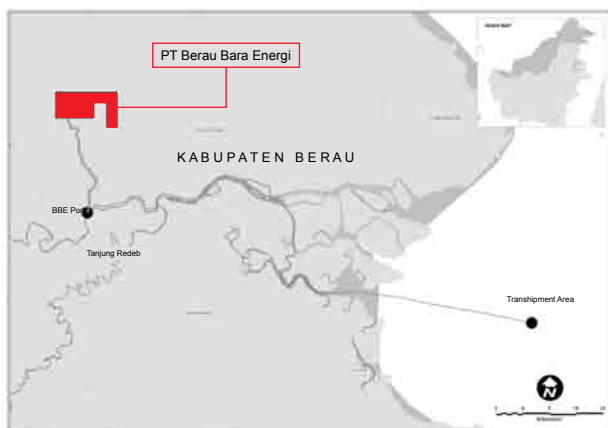
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tel. (+62) 21 719 3343
fax. (+ 62) 21 7179 2708
info : marketing@atlas-coal.co.id



ATLAS 5300



INFORMATION



Product : ATLAS 5300

Mine : PT Berau Bara Energi

Location : Kabupaten Berau,
Kalimantan Timur
Indonesia

Production : 80,000 mt per month

Anchorage : Muara Pantai

SPECIFICATIONS

	Unit	Typical	Limits
Total Moisture (as received basis)	% WT	22.0	25.0 max
Inherent Moisture (air dried basis)	% WT	15.5%	
Volatile Matter (air dried basis)	% WT	40.0	
Ash (air dried basis)	% WT	5.0	10.0 max
Total Sulphur (air dried basis)	% WT	0.8	1.1 max
Grindability (Hard Grove Index)	% WT	45	
Ash Fusion Temperature IDT (reducing temperature)	°C	1,150	1,100 min
Gross Calorific Value (air dried basis)	% WT	5,900	
Gross Calorific Value (as received basis)	% WT	5,200	
Nett Calorific Value (as received basis)		4,900	4,800 min
Size:0-50mm	% WT	>95	

DISCLAIMER

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PT ATLAS RESOURCES Tbk.

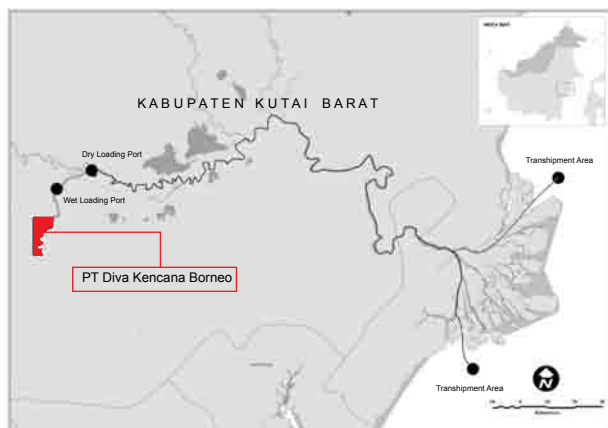
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ATLAS 6000



INFORMATION



Product : ATLAS 6000

Mine : PT Diva Kencana Borneo

Location : Kabupaten Kutai Barat,
Kalimantan Timur
Indonesia

Production : 65,000 mt per month

Anchorage : Muara Jawa
Muara Berau

SPECIFICATIONS

	Unit	Typical	Limits
Total Moisture (as received basis)	% WT	14.0	16.0 max
Inherent Moisture (air dried basis)	% WT	9.0	
Volatile Matter (air dried basis)	% WT	40.0	
Ash (air dried basis)	% WT	7.0	9.0 max
Total Sulphur (air dried basis)	% WT	0.5	1.0 max
Grindability (Hard Grove Index)	% WT	44	
Ash Fusion Temperature IDT (reducing temperature)	°C	1,200-1,350	1,100 min
Gross Calorific Value (air dried basis)	kcal/kg	6,500	
Gross Calorific Value (as received basis)	kcal/kg	6,000	5,800 min
Size:0-50mm	% WT	90	

DISCLAIMER

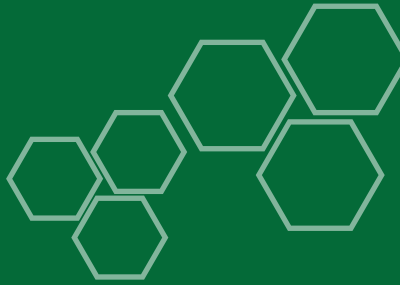
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PT ATLAS RESOURCES Tbk.

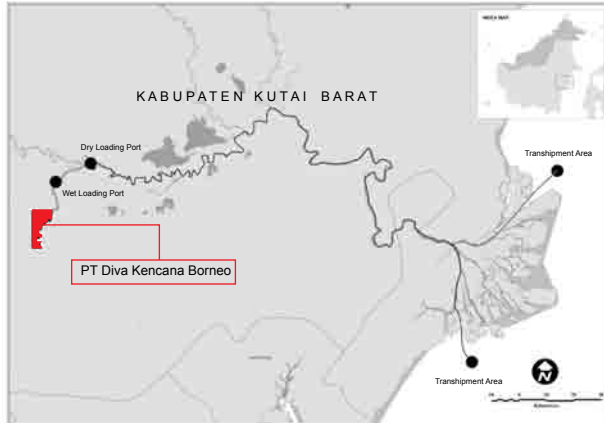
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ATLAS MET9



INFORMATION



Product : ATLAS MET9
Mine : PT Diva Kencana Borneo

Location : Kabupaten Kutai Barat,
Kalimantan Timur
Indonesia

Production : 65,000 mt per month

Anchorage : Muara Jawa
Muara Berau

SPECIFICATIONS

QUALITY : IN ACCORDANCE WITH ASTM STANDARDS

	Typical	Guaranteed
AS RECEIVED BASIS		
Total Moisture	10.0%	11.0%
AIR DRIED BASIS		
Ash	5.0%	5.5%
Volatile Matter	37.0%	40.0%
Total Sulphur	0.8%	1.0%
Phosphorous	0.01%	
Gross Calorific Value	7300 KCAL/KG	
CSN	8	
HGI	50	
Size (0 – 50mm)	95% MIN	
Maximum Fluidity	450 DDPM	<250 DDPM

DISCLAIMER

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PT ATLAS RESOURCES Tbk.

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