



# شركة ساك إيجيبت للأستيراد والتصدير SAK EGYPT IMPORT EXPORT

**SUBJECT:** THERMAL (STEAM) COAL  
**SPECIFICATION:** THERMAL (STEAM) COAL CLASS : A

IDENTIFICATION	HOW IT IS RECEIVED	DRY BASE	ASTM METHOD
TOTAL HUMIDITY, %	12.48		D3302/D3302M-19
ASH, %	4.39	5.01	D3174-12 (2018)
VOLATILE MATTER, %	40.60	46.40	D3175-18
FIXED CARBON, %	42,3	48.59	D3172-13
SULPHUR, %	0.52	0.59	D4239-18e1
CALORIFIC POWER, Kcal/Kg	7086	8097	D5865/D5865M-19



# SAK



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## SAK EGYPT IMPORT EXPORT

**FICHA TECNICA/ DATA SHEET STEAM COAL "DM" TYPE - 11.000 BTU/Lb**

**SPECIFICATION: THERMAL (STEAM) COAL CLASS : B**

QUALITY CERREJON PRODUCT "DM" 2020- JC			
		AVG.	AVG.
<b>PromimateAnalysis, % wt.</b>		<b>Mineral Analysis of ash</b>	
Gross Heating Value	BTU/Lb	11000	Silica SiO2 60,2
Net Heating Value	BTU/Lb	10440	Aluminum Al2O3 20,1
	Kcal/Kg	5800	Titanium TiO2 1,03
Ash		8,7	Iron Fe2O3 8,3
Volatile Matter		32,5	Calcium CaO 2,3
Total Moisture		14,5	Magnesium MgO 2,2
Fixed Carbon		44,3	Potassium K2O 2,1
			Sodium Na2O 0,6
			Sulphur SO3 2,2
			Phosphorum P2O5 0,22
			Undetermined 0,75
<b>Ultimate Analysis, % wt.</b>		<b>Ash fusion temperatures</b>	
Moisture		14,5	IDT Red °C 1230
Carbon		62,3	ST Red °C 1280
Hydrogen		4,4	HT Red °C 1340
Nitrogen		1,23	FT Red °C 1405
Chlorine		0,03	
Sulphure		0,63	IDT Oxl °C 1290
Ash		8,7	ST Oxl °C 1340
Oxygen		7,91	HT Oxl °C 1410
			FT Oxl °C 1470
<b>Other analysis</b>		<b>Calculated combustion parameters</b>	
HGI		52	SO2/MBTU=(S/8TU)x 20000 1,15
			B/A =(1) 0,19
			F.F. =(1)x Na2O in ash 0,12
<b>Size</b>			S.F. =(1)x S(dry) 0,14
Nominal Top size, mm		50	
% wt. < 6.3 mm.		43	
<b>(1) = (Fe2O3+CaO+MgO+K2O+Na2O)</b>			



مصر - ٧٩ ش الجيش - تليفون : ٧١٠٤ ٥٣٣٠ ٢٠٤ + فاكس : ١٠٩١ ٥٣٣١ ٢٠٤ + - موبايل : ٢٧٨ ٨٥٥٣ ٢٠١٠٠ +

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