

PT TELEN ORBIT PRIMA

Proximate Analysis			Units
		TOP	
Gross Calorific Value	DB		kcal/kg
	ADB	6,300	kcal/kg
	ARB	5,820	kcal/kg
Total Moisture	ARB	16.00	%
Inherent Moisture	ADB	7.39	%
Fixed Carbon	ADB	By Balance	%
Volatile Matter	ADB	38.81	%
Ash Content	ADB	10.50	%
Total Sulphur	ADB	0.50	%
Ultimate Analysis			Units
Ash	DB	11.33	%
Carbon	DB	72.10	%
Hydrogen	DB	4.91	%
Nitrogen	DB	1.30	%
Sulphur	DB	0.30	%
Oxygen	DB	10.06	%
Ultimate Analysis			Units
Carbon	DAF	78.70	%
Hydrogen	DAF	5.30	%
Nitrogen	DAF	1.40	%
Oxygen (+ Error)	DAF	14.10	%
Sulphur	DAF	0.50	%
Ash Analysis			Units
SiO ₂	DB	66.00	%
Al ₂ O ₃	DB	25.40	%
Fe ₂ O ₃	DB	4.00	%
CaO	DB	1.20	%
MgO	DB	0.50	%
Na ₂ O	DB	0.10	%
K ₂ O	DB	0.30	%
P ₂ O ₅	DB	0.20	%
TiO ₂	DB	1.30	%
SO ₃	DB	0.90	%
Mn ₃ O ₄	DB	0.10	%
Ash Fusion Temperature			Units
Initial Deformation	Reducing	1,460	°C
Spherical	Reducing	1,500	°C
Hemispherical	Reducing	1,530	°C
Flow	Reducing	1,590	°C
Ash Fusion Temperature			Units
Initial Deformation	Oxidizing	>1400	°C
Spherical	Oxidizing	>1400	°C
Hemispherical	Oxidizing	>1400	°C
Flow	Oxidizing	>1400	°C
HGI		44	Point
Trace Elements			Units
Fluorine (F)	ADB	43.00	ppm
Chlorine (Cl)	ADB	100	ppm
Boron (B)	ADB	83	ppm
Mercury (Hg)	ADB	0.08	ppm
Selenium (Se)	ADB	0.61	ppm
Arsenic (As)	ADB	1.08	ppm
Cadmium (Cd)	ADB		ppm

