



Green Coke

Description

Green Coke , produced in UP II Dumai Refinery, is proceed from solid carbon substance utilizing Delayed Cooking Unit, which is able to be transferred from short residue to Green Coke.

Green Coke has heavier fraction compared to fuel oil, therefore, their caloric equivalent/rate is lower than fuel oil, viz around 7.500 – 8.500 K.cal/Kg. However, Green Cokes in term of calorific value, has higher calorie than coal does, that is only 5000 - 6000 K.cal/Kg.

Green Coke is distributed in bulk form.

Special Features

1. Having higher calorific value (7.500 - 8.500 K.cal/Kg) compared to coal (5000 - 6000 K.cal/Kg)
2. Containing low ash value.

Application/Benefit

Green Coke can be applied as following :

1. Redactor applying in melted tin process;
2. Applying as fuel for industries below :
 - a. Tin
 - b. Cement
 - c. Electrical Power Station
 - d. Melting Steel process
 - e. Applying for aluminum melting process; and
 - f. Electrode industry
 - g. Basic material in producing calcined coke.

Spesifikasi Green Coke

No	Parameter	Unit	Spesifikasi		Methods
			Min	Max	
1	Moisture Content, % wt	-	-	-	SNI 13-3476-94
2	Volatile Matter, % wt (dry)	-	-	14,50	SNI 13-3999-95
3	Ash Content, % wt (dry)	-	-	-	SNI 13-3476-94
4	Carbon Content (Fixed) % wt (dry)	-	80,00	-	SNI 13-3479-94
5	Heating Value	Kcal/K	7500	-	SNI 13-3486-94
6	Sulfur Content % wt (dry)	g	-	2	SNI 13-3481-94
7	Particle size + 4 MESH	-	30,00	-	GLC C18

