

## Calcine Coke

---

### Description

**Calcined coke** is a solid carbon compound, which was process from the residue of calcine\_coke.gifside production of the petroleum that has been in the calcinations process above 1000 °C, has the grayish black color, dry and contained 95-99% carbon.

**Calcined Coke** is used as an Anoda in the Aluminum smelter factory, for Carbon Raiser, Graphite, and Foundry Coke etc.

### Petroleum Cokes

**Petroleum Cokes** were produced from the Dumai refinery. This refinery were designed to produce the maximum fuel of cracked Distillate oil through The Delayed Coking unit that changed Heavy Oil to become Coke.

**Petroleum Cokes** consist of carbon crystals in the form of Amorphous to Graphite with the comparison on Hydrogen and carbon = 1 : 1.

### Specification:

No	Paramater	Unit	Specification	Methods
Min 01	Max Moisture Content, % - wt		-	0,50
02	Volatile Matter, % wt - (dry)		-	0,50
03	Ash Content, % wt - (dry)		-	0,40
04	Carbon Content - (fixed) % wt (dry)		99,00	-
05	Weight density	gr/ml	2,00	0,08
06	Vibr, Bulk. Density	gr/ml	0,70	-

07	Particle size + 4 - MESH, % wt	25,00	-
08	Sulfur Content, % wt - (dry)	-	0,60
09	Silica Content, % wt - (dry)	-	005
10	Iron Content, % wt - (dry)	-	0,03
11	Vanadium Content, % - wt (dry)	-	0,001
12	Nickel Content, % wt - (dry)	-	0,03