

PETROLEUM COKE



STALLION ENERGY'S PET COKE is a carbonaceous solid

derived from oil refinery cracking processes. Marketable coke is coke that is relatively pure carbon and can be sold for use as fuel, in the manufacture of dry cells, electrodes, etc. Needle coke, also called acicular coke, is a highly crystalline petroleum coke used in the production of electrodes for the steel and aluminum industries. Catalyst coke is coke that has deposited on the catalysts used in oil refining, such as those in a catalytic cracker. This coke is impure and is only used for fuel. Petroleum coke's high heat and low ash make a good fuel for power generation in coal-fired boilers but is high in sulfur and low in volatile content which pose some environmental and technical problems with its combustion.

PHYSICAL PROPERTIES	Grinded	0 – 12/0-10	0-15mm	0 - 70 mm	2-10mm	10-15mm	10-70mm	15-70mm
Total Moisture % max	5	8	8	8	8	8	8	8
Ash % max (ADB)	1	1	1	1	1	1	1	1
Volatile Matter % max (ADB)	8	8	8	9 - 12%	8	8	8	8
Sulphur	6.5 – 7	6.5 - 7	6.5 - 7	6.5 - 7	6.5 - 7	6.5 - 7	6.5 - 7	6.5 - 7
Fixed Carbon (Min)	87%	87%	87%	87%	87%	87%	87%	87%
Gcv(Kcal)	8200-8400	8200-8400	8200-8400	8200-8400	8200-8400	8200-8400	8200-8400	8200-8400