

# Activated Charcoal



## 1. IDENTIFICATION

CHEMICAL NAME: Activated Charcoal

CAS No.: 7440-44-0

## 2. FEATURES

The material is activated charcoal in cylindrical pellets produced from specially selected lots of bituminous coal.

The material is produced in very specific controlled conditions by activation with steam.

PROPERTIES	METHOD	VALUE
Type		Mineral
Packed humidity (% max)	ASTM D2867	2
Hardness (% min)	ASTM D3802	95
Pellet diameter (mm):	Calliper	3 ou 4 mm
CTC (min% w / w)	ASTM D3467	60
Ignition temperature (°C)	ASTM D3466	400
Ash (%)	ASTM D2866	10
Specific gravity (gcm <sup>-3</sup> )	ASTM D2854	0.47
Surface área (m <sup>2</sup> g <sup>-1</sup> )	BET N2	950

## 3. APPLICATION

- Product for the treatment of gaseous effluents.

## 4. BENEFITS

- High hardness.
- Low load loss
- highly developed pore structure
- Product with low dust emission
- Very effective in adsorption of VOC (Volatile Organic Compounds).

## 5. PRESENTATION

- In 25 kg bag.

[www.nigeria-chemicals.com](http://www.nigeria-chemicals.com)  
[info@nigeria-chemicals.com](mailto:info@nigeria-chemicals.com)

Plot 59 Trans Amadi Industrial Layout,  
Port Harcourt, Rivers State, Nigeria

Phone: +234 (0) 84 556 004