



## CG Gold

Premium Activated  
Carbon for Gold Recovery

### CG CARBON INDIA (P) LTD

Plot No. 50, Inkel Greens,  
Oorakam Melmuri P.O., Malappuram,  
Kerala - 676 519, India

☎ +91 97784 26337, +91 89263 95395

✉ info@cgcarbon.in | sales@cgcarbon.in

🌐 www.cgcarbon.com



# CG Gold

Premium Activated  
Carbon for Gold Recovery



## Advanced Activated Carbon Solutions from The Land of Coconuts

CG Carbon produces premium coconut shell-based steam Activated carbon suited for gold recovery. CG Carbon offers high gold loading capacity, excellent adsorption kinetics, very low dust and attrition. It's optimal hardness ensures efficient and economical performance, even with extended use.



# CG Gold

Premium Activated Carbon for Gold Recovery

High Resistance to Attrition

High Hardness

Excellent Gold Retention

Low Dust and Ash

Very Low Platelets

## Gold Cyanidation Process



The gold cyanidation process starts with crushing and grinding gold ore to make it more accessible. The crushed ore is stored in a drum and leached with a cyanide solution to form a cyanide-gold complex. Activated carbon is mixed with this solution, adsorbing the gold. The gold is then extracted from the carbon through elution, producing a concentrated gold solution ready for electrowinning.

### General Specifications

Surface Area (m <sup>2</sup> /g)	Min 1100
Iodine (mg/g)	Min 1100
Moisture (%)	Max 4%
Ash (%)	Max 3%
Platelets	Max 4%
Hardness	Min 99%
Attrition	Max 2%
pH	9-11
Apparent Density (kg/m <sup>3</sup> )	Min 480
K-Value	26-32
R-Value	50-58

### Packing & Loading

CG Gold is dedicated to providing safe and efficient transportation solutions. Activated carbon will be packed in high-quality polypropylene or HDPE bags, with an inner liner and shrink-wrapped for secure delivery to the customer's premises.

#### Available Sizes

6x12 USS Mesh  
8x16 USS Mesh

#### Standard Packaging

25 kg bag (55 lb)  
500 kg bulk bag (1100 lb)



### CG Carbon Qualities

Own Processing Facility for Raw Materials to Ensure the Product Quality

24x7 Technical Support

Fully Automatic Production Unit

Guaranteed Product Specification