



IndoCarb BLACK OPAL

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Coconut shell Activated Carbon



GOLD GRADE


IndoCarb GC

Gold Recovery Granular Activated Carbon

IndoCarb GC range of carbons have been developed especially for use in gold recovery applications to offer our customers a range of products for their CIP/CIL systems that can assist maximum gold loading with rapid adsorption kinetics. Processed from the finest grades of coconut shell under stringent controls, IndoCarb GC products have the highest gold loading capacity, ultimate hardness and attrition resistance, besides the particle size and pore structure to provide the best adsorption of metal and cyanide complexes from Carbon-in-pulp, Carbon-in-column, or tank adsorbed system. Our activated carbons products are processed through a vee-wire screen to keep the platelets to the minimum and de-dusted to keep it extra clean.



In a crowded industry, a major differentiating factor in favor of IndoCarb is its philosophy towards embracing sophisticated technologies at every step. We are committed to continuous improvement and are constantly upgrading our processes and supporting skills to produce and supply activated carbon of superior quality and reliability. Our production lines are fully under the aegis of our advanced laboratory facilities and R&D.

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"Activated carbon is an essential component of the gold mining process and the use of sustainable and renewable resources, such as coconut shells, can reduce the environmental impact of gold mining"

	GC D612	GC E612	GC E816
Particle size (US mesh)	6x12	6x12	8x16
Platelets (%)	1	1	1
K Value	30	32	32
R Value	58	60	60
Butane Activity (%)	22	23.5	23.5
CTC Activity (%)	55	60	60
Hardness No.	99.2	99.0	99.0
Apparent Density (g/ml)	0.52	0.50	0.50
Attrition Loss (%)	1	1	1
Moisture (%/weight)	3	3	3
Ash (%/weight)	2	2	2

Production facility: The group was established in 2010 as a joint venture between the largest privately owned coconut shell activated carbon manufacturer in India and some of the highly experienced entrepreneurs in activated carbon industry with combined experience of over 50 years in the field. Over the years, the group has succeeded in building **IndoCarb** as one of the most recognized gold grade activated carbon brand in the industry, with a reputation based on quality, innovation, service and reliability.



IndoCarb GC

Advantages:

IndoCarb activated carbon products have the following advantages –

- High hardness levels and abrasion resistance
- Higher adsorption capacity and surface area
- High retentivity and large fraction of micropores
- Low ash content and fewer impurities

Coconut Shell Based: Highest hardness, hence more abrasion resistant than any other type of carbon available due to structural stability inherited from the shells. IndoCarb GC is hence more resistant to abrasion and can withstand the harsh conditions of the gold beneficiation process while producing less waste and acting as a more renewable resource than activated carbon produced from coal.

Excellent adsorption capabilities: IndoCarb GC has large adsorption capacity and strong gold absorption ability allowing a short contact time and faster processing rate. IndoCarb GC can effectively extract higher amounts of gold during the typical cyanide leaching process and ensures the same level of performance every time it is used, which impacts positively on a company's revenue.

Easy Regeneration: Extremely low rate of adsorption deterioration during regeneration cycles. Hence IndoCarb activated carbon can be regenerated several times while retaining the same adsorption capacity. Regeneration offers substantial cost savings and restores the carbon to 95% or greater of its original adsorption capacity. In addition to adsorptive capacity, the recycling of spent carbon eliminates the need for incineration or landfill disposal.

Quality control: Tailor made in our own ISO 9001/14001/45001 certified factory under guidance of our R&D team and industry acclaimed quality assurance department.

Particle Size: Tight particle size distribution resulting in very carbon fines, therefore eliminating gold losses due to undersized carbon particles escaping from the circuit. IndoCarb GC products are de-dusted twice in the production line which results in nil dust and impurities.

Standard Packaging:

1100 lbs (500kgs), 1210 lbs (550 kgs), 55 lbs (25kgs)

On fumigated and heat-treated pallets and stretch wrapped.

If you require guidance in finding the right activated carbon solution for your specific needs, please contact our highly professional technical team for assistance.



Above properties are not to be considered as the only purchase specification. Other combinations of properties can be supplied to meet customer requirements. All IndoCarb carbon products are extensively quality checked at our certified carbon testing laboratory in Pittsburgh, PA. Our laboratory is fully equipped to provide complete quality control analysis using ASTM standard test methods in order to assure consistent quality.

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 www.blackopalcarbons.com

 info@blackopalcarbons.com

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Corporate Headquarters

 651 Holiday Dr | STE400 | Pittsburgh | PA 15220 | US
 412 928 4970 (O) | 412 365 5634 (F)

Factory certifications



US Warehouses

Florida :	New Jersey :	Ohio :
6333 Pelican Creek Circle Riverview, FL 33578	1578 Sussex Turnpike Randolph, NJ 07869	Scippo Creek Rd, Circleville, OH 43113

Worldwide Offices: Germany U.A.E India South Africa Tanzania