

TECHNICAL DATASHEET

Rev#02, Jan19

SWARNASORB™ 60

GRANULAR ACTIVATED CARBON

SWARNASORB™ 60 is range of coconut shell based granular activated carbon produced by steam activation through rotary kiln at 900 °C under stringent operating conditions. **SWARNASORB™ 60** is designed and optimized for gold recovery application in CIP (Carbon in Pulp), CIL (Carbon in Leach), CIC (Carbon in Column) or heap leaching process. The granules are very hard and free of platelets with large pore volume, rapid adsorption and maximum gold loading makes it ideal for gold mines.

PRODUCT SPECIFICATIONS:

S. No.	Test Parameter	Specifications	Standards
1.0	CTC, %	60 min	ASTM D3467
2.0	Iodine Adsorption, mg/g	1150 min	ASTM D4607
3.0	Ash, %	4 max	ASTM D2866
4.0	Moisture, % as packed	Not more than 5% w/w	ASTM D2867
5.0	Hardness No	98 min	ASTM D3802
6.0	Apparent Density, kg/m ³	480 - 530	ASTM D2854
7.0	Platelets (A.A.R.L),%	5 max	AARL
8.0	Attrition (A.A.R.L),%	1.5 max	AARL
9.0	Mesh Size (US Sieve Series) Greater than 6 mesh (3.35 mm), % Less than 12 mesh (1.7 mm), %	5 max 5 max	ASTM D2862

**Typical Properties: K Value > 24 kg/tonne, R Value 65%*

Packaging/Transportation

Standard Packaging in 500 Kg Jumbo Bags / 25 Kg PP Bag with Inner Liner

Customized Packaging available on demand

Activated Carbon (NOT REGULATED)

Exempt from DOT, IATA & IMDG Regulations

Import/Export Classification: 3802.10.0000 (HS Tariff Classification)

Freight Classification: NMFC 040560

CAS # 7440-44-0

Material Handling

Wet Activated carbon depletes oxygen from air, and therefore, dangerously low levels of oxygen may be encountered. Direct body exposure should be avoided as a good hygienic practice. Avoid getting this material in contact with your eyes. Avoid prolonged or repeated skin contact with this material. Wash thoroughly after handling. Avoid the formation of airborne dusts. Appropriate protective equipments should be worn. Long term inhalation of high dust concentration can lead to respiratory impairment.