

## AC GOLD RECOVERY ACTIVATED CARBON



### DATA SHEET

#### Features

- ✚ High Adsorption Rate
- ✚ High Gold Loading Capacities
- ✚ Very low soluble gold losses
- ✚ Suitable for silver rich ores
- ✚ Highly recommended for 'preg robbing' ores
- ✚ Very high resistance to attrition
- ✚ Negligible carbon losses
- ✚ Homogenous activation of grains
- ✚ Low deterioration of adsorption with time and over regeneration cycles
- ✚ Good 3-dimensional shape preventing screen pegging or clogging
- ✚ Low head losses and optimization of adsorption kinetics
- ✚ Very low carbon fines and, therefore minimized gold losses
- ✚ High Hardness
- ✚ Easily Regenerated
- ✚ Coconut Shell Based material
- ✚ Uniform Gold Capacity

#### Applications

- ✚ Carbon - in - pulp (CLP) Circuits
- ✚ Carbon - in - leach (CLP) Circuits
- ✚ Carbon - in - column (CLC) Circuits
- ✚ Heap Leaching

#### Particle Sizes

- ✚ 6 x 12 mesh (3.35 - 1.70 mm)
- ✚ 8 x 16 mesh (2.36 - 1.18mm)

#### Packaging

- ✚ 25kg PP Sack (55 lb)
- ✚ 500kg bulk bag (1100 lb)
- ✚ Other packing considered on request

#### Adam Carbons Limited AC Gold Recovery

Activated Carbon is made from high grade coconut shell raw material in purpose-built facilities using horizontal rotary kiln activation techniques and is manufactured exclusively in our own factories in Sri Lanka using 100% Sri Lankan Origin matured coconut shells.

AC Gold Recovery Activated Carbon was developed to be a consistent, high performance, high activity gold recovery carbon. The activated carbon's ability to achieve high gold loadings and the relative ease with which they can be stripped enables gold processors to obtain the highest possible yields from ores with high silver/gold ratios, carbonaceous ores, and ores containing other metals that complex with cyanide; for example, copper and nickel.

Through the years, Adam Carbons Limited has continually upgraded its manufacturing processes to ensure that it continues to provide high quality products. Steps have been added to the manufacturing process which have improved the carbon's resistance to abrasion and reduced its tendency to plug retention screens in adsorption tanks.

AC Gold Recovery Activated Carbon is manufactured specifically for gold adsorption. As a result, the quality of the carbon is extremely consistent and tailored to gold recovery applications. AC Gold Recovery Activated Carbon can enable the extraction of even trace amounts of gold from every ton of ore, even when processing average or low - grades ores

Specifications	6x12 / 8 x 16	Test Method ID
CTC*	50 (min)	ASTM D5742
Ash by Weight	5% (max)	ASTM D2866-83
Moisture by Weight**	5% (max)	ASTM D2867-70
Hardness Number	98 (min)	ASTM D3802
Platelets by Weight	3% (max)	Anglogold 1998

\* CTC Value may be based upon the ASTM 5742 correlation, CTC = 2.55 x Butane Activity

\*\*As Packaged